

ID :1237 Badkali Bridge _ _ _ _ _

on Chainage 0.200 of Link road from main road to river in village Dudhli.

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 : 32

Chainage (at Mid Point) : 0.200

Road/ Segment Name : 1625

Bridge Type : Motor Bridge High Level

Structure No : 0/1

Feature Intersected : Suswa River

Name of Bridge : Badkali Bridge

Nearest Town : Dudhli

Latitude (Northing) : 30.23923100

Longitude (Easting) : 78.02439100

Construction Year : 2017

Inventory Year : 2021

Geometric

Overall length (in meter) : 125.00

Total No of Span : 5

Maximum Span (in meter) : 25.00

Span Arrangement : 5x25.00

No of Lane : 2.000

Overall Width (m) : 8.500

Carriageway Width (m) : 7.500

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 8.000

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 AA

Load Rating : Class AA

Super-Structure

Superstructure Type : Cable stayed

Superstructure Material : Pre-stressed concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Tubular steel

Bearing type : POT PIN

Sub-Structure

Founding Strata : Sandy

Abutment Foundation Type : Well

Pier Foundation Type : Well

No of Piers : 4

Abutment Type : other

Pier Type : RCC Hollow

Protection Work

Bank Protection Left Side of Up-stream : no protection work provided

Bank Protection Right Side of Up-stream : no protection work provided

Bank Protection Left Side of Down-stream : no protection work provided

Bank Protection Right Side of Down-stream : no protection work provided

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 :

