

ID :2705 Song Bridge _ _ _ _ _

on Chainage 2.300 of Portion of NH 72 under Doiwala Bypass : .

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) : 2.300

Road/ Segment Name : 7311

Bridge Type : Motor Bridge High Level

Structure No : 1/1

Feature Intersected : Song River

Name of Bridge : Song Bridge

Nearest Town : Doiwala

Latitude (Northing) : 30.17825900

Longitude (Easting) : 78.13122500

Construction Year : 1999

Inventory Year : 2022

Geometric

Overall length (in meter) : 210.00

Total No of Span : 7

Maximum Span (in meter) : 30.00

Span Arrangement : 7x210

No of Lane : 2.000

Overall Width (m) : 10.500

Carriageway Width (m) : 7.500

RS Footpath Width (m) : 1.500

LS Footpath Width (m) : 1.500

Approach Width i/c Shoulders (m) : 12.000

Gradient (%age) : 2

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

Design Data

HFL Highest Flood Level : 488.000

OFL Ordinary Flood Level : 485.000

LWL Low Water Level : 483.500

Design Velocity (m/Sec) :

Design Discharge (Cumecs) :

Soffit Level at Centre :

Road Level at Centre : 491.000

Design Scour Level at Pier :

Design Scour Level at Abutments :

Exposure Condition : Moderate

Seismic Importance factor : 0.0

Design Loading : Class A

Load Rating : Class A

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 : Tubular steel

Bearing type : other

Sub-Structure

Founding Strata : Sandy

Abutment Foundation Type : Well

Pier Foundation Type : Well

No of Piers : 6

Abutment Type : RCC spill through type

Pier Type : RCC Solid

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 : 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 :

