ID :2705 Song Bridge __ __ __ __ __

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

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
Work Code(s) : --
Geometric
Overall length (in meter) : 210.00
Total No of Span : 7
Maximuam Span (in meter) : 30.00
Span Arragment : 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
Approch 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
Expension 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
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE :