ID :112 Song River __ __ __ __ __

on Chainage 20.135 of From km 16 of Rishikesh Bhaniawala road to Agarwal Bakers via Airport, Thano, Raipur, Pulia Number 6 Fawara Chowk state highway

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) : 20.135
Road/ Segment Name : 60
Bridge Type : Motor Bridge High Level
Structure No : 21/5
Feature Intersected : Song River
Name of Bridge : Song River
Nearest Town : Raipur
Latitude (Northing) : 30.29450000
Longitude (Easting) : 78.11947222
Construction Year : 1993
Inventory Year : 2021
Work Code(s) : --
Geometric
Overall length (in meter) : 270.00
Total No of Span : 9
Maximuam Span (in meter) : 30.00
Span Arragment : 9x30
No of Lane : 2.000
Overall Width (m) : 8.400
Carriageway Width (m) : 7.500
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch Width i/c Shoulders (m) : 10.000
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 A
Load Rating : Class A
Super-Structure
Superstructure Type : T-beam and slab
Superstructure Material : Reinforced concrete
Wearing Coat Type : Bituminous Concrete
Expension Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Tubular steel
Bearing type : Elastomeric
Sub-Structure
Founding Strata : Bouldery
Abutment Foundation Type : Open
Pier Foundation Type : Open
No of Piers : 8
Abutment Type : RCC counterfort 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 : 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
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE :

