ID :2922 Sirwalgarh Bridge __ __ __ __ __

on Chainage 16.000 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) : 16.000
Road/ Segment Name : 60
Bridge Type : Motor Bridge High Level
Structure No : 16/1
Feature Intersected : Sirwal River
Name of Bridge : Sirwalgarh Bridge
Nearest Town : Raipur
Latitude (Northing) : 30.27310550
Longitude (Easting) : 78.14149400
Construction Year : 2018
Inventory Year : 2022
Work Code(s) : --
Geometric
Overall length (in meter) : 90.00
Total No of Span : 2
Maximuam Span (in meter) : 45.00
Span Arragment : 2x45.00
No of Lane : 2.000
Overall Width (m) : 9.900
Carriageway Width (m) : 7.500
RS Footpath Width (m) : 0.900
LS Footpath Width (m) : 0.900
Approch Width i/c Shoulders (m) : 9.900
Gradient (%age) : 2
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 : Box girder
Superstructure Material : Reinforced concrete
Wearing Coat Type : Bituminous Concrete
Expension Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Cast-in-situ concrete
Bearing type : POT PIN
Sub-Structure
Founding Strata : Sandy
Abutment Foundation Type : Well
Pier Foundation Type : Well
No of Piers : 1
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 :

