ID :3468 Rajeswari Nagar Bridge __ __ __ __ __

on Chainage 1.200 of Mohkampur Rajeshwari Nursery to Divya Bihar Mianwala Road in Dehradun

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) : 1.200
Road/ Segment Name : 1490
Bridge Type : Motor Bridge High Level
Structure No : 1/1
Feature Intersected : Dulhni River
Name of Bridge : Rajeswari Nagar Bridge
Nearest Town : Dehradun
Latitude (Northing) : 30.27591300
Longitude (Easting) : 78.08523600
Construction Year : 2022
Inventory Year : 2022
Work Code(s) : --
Geometric
Overall length (in meter) : 30.00
Total No of Span : 1
Maximuam Span (in meter) : 30.00
Span Arragment : 1X30
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
Approch Width i/c Shoulders (m) : 8.500
Gradient (%age) : 0
Skew Angle (degree) : 0.00
Radius of Curve in Plan (if Any) : 0.00
Design Data
HFL Highest Flood Level : 593.810
OFL Ordinary Flood Level : 593.460
LWL Low Water Level : 953.300
Design Velocity (m/Sec) : 0.75
Design Discharge (Cumecs) : 14.00
Soffit Level at Centre : 598.400
Road Level at Centre : 598.400
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 : Pre-stressed concrete
Wearing Coat Type : Cement 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 : Raft
Pier Foundation Type : NA
No of Piers : 0
Abutment Type : RCC counterfort type
Pier Type : NA
Protection Work
Bank Protection Left Side of Up-stream : R.R. 1:4
Bank Protection Right Side of Up-stream : R.R. 1:4
Bank Protection Left Side of Down-stream : R.R. 1:4
Bank Protection Right Side of Down-stream : R.R. 1:4
Floor Protection on Up-stream : P.C.C.
Floor Protection on Down-stream : P.C.C.
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE :

