ID :3470  Red Cross Bridge  __ __ __ __ __

on Chainage 0.200 of IT Park to Health Directorate motor road : 7322

In District Dehradun Under TD Rishikesh Division

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Bridge Inventory Report

Division: TD Rishikesh

Data not-yet finalized

General
Name of Division : 53
Revenue Block Name : 32
Chainage (at Mid Point) : 0.200
Road/ Segment Name : 7322
Bridge Type : Motor Bridge High Level
Structure No : 1/1
Feature Intersected : Red Cross Nala
Name of Bridge : Red Cross Bridge
Nearest Town : Amwala
Latitude (Northing) : 30.35005400
Longitude (Easting) : 78.08256900
Construction Year : 2013
Inventory Year : 2024
Work Code(s) : --
Geometric
Overall length (in meter) : 10.50
Total No of Span : 2
Maximuam Span (in meter) : 10.00
Span Arragment : 2x5
No of Lane : 1.500
Overall Width (m) : 6.450
Carriageway Width (m) : 5.500
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch Width i/c Shoulders (m) : 6.500
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 : Cement Concrete
Expension Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Tubular steel
Bearing type : POT PIN
Sub-Structure
Founding Strata : Rocky
Abutment Foundation Type : Open
Pier Foundation Type : Well
No of Piers : 2
Abutment Type : Stone Masonry
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 :