ID :185 Chatra Bridge __ __ __ __ __

on Chainage 16.375 of Tuni Purola Naugaon state highway

In District Dehradun Under TD Chakrata Division

Bridge Inventory Report

Division: TD Chakrata

Data not-yet finalized

General
Name of Division : 52
Revenue Block Name : 28
Chainage (at Mid Point) : 16.375
Road/ Segment Name : 97
Bridge Type : Motor Bridge High Level
Structure No : 16/1
Feature Intersected : Chatra Gadera
Name of Bridge : Chatra Bridge
Nearest Town : Chatra market
Latitude (Northing) : 30.97002500
Longitude (Easting) : 77.94307200
Construction Year : 2005
Inventory Year : 2022
Work Code(s) : ADB
Geometric
Overall length (in meter) : 15.00
Total No of Span : 1
Maximuam Span (in meter) : 15.00
Span Arragment : 1x15
No of Lane : 1.000
Overall Width (m) : 4.600
Carriageway Width (m) : 4.250
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch Width i/c Shoulders (m) : 6.000
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 B
Load Rating : Class B
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 : Elastomeric
Sub-Structure
Founding Strata : Rocky
Abutment Foundation Type : Open
Pier Foundation Type : NA
No of Piers : 0
Abutment Type : Stone Masonry
Pier Type : NA
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 : Er. Sampurnanand Semwal

