ID :438 Jhajra Bridge __ __ __ __ __

on Chainage 0.150 of Vidyamata Rajrani road (Jhajra to ThakurPur)

In District Dehradun Under CD Dehradun Division

Bridge Inventory Report

Division: CD Dehradun

Data not-yet finalized

General
Name of Division : 54
Revenue Block Name : 31
Chainage (at Mid Point) : 0.150
Road/ Segment Name : 875
Bridge Type : Motor Bridge High Level
Structure No : 5/1
Feature Intersected : Tons River
Name of Bridge : Jhajra Bridge
Nearest Town : Jhajra
Latitude (Northing) : 30.34027778
Longitude (Easting) : 77.91944444
Construction Year : 2011
Inventory Year : 2021
Work Code(s) : --
Geometric
Overall length (in meter) : 275.00
Total No of Span : 11
Maximuam Span (in meter) : 25.00
Span Arragment : 11x25
No of Lane : 2.000
Overall Width (m) : 11.500
Carriageway Width (m) : 7.500
RS Footpath Width (m) : 1.600
LS Footpath Width (m) : 1.600
Approch Width i/c Shoulders (m) : 11.500
Gradient (%age) : 3
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 : Reinforced Elastomeric Joint
Railing/Crash Barrier type : Cast-in-situ concrete
Bearing type : POT PIN
Sub-Structure
Founding Strata : Bouldery
Abutment Foundation Type : Well
Pier Foundation Type : Well
No of Piers : 9
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 :

