ID :147 Sattowali Ghati Bridge __ __ __ __ __

on Chainage 0.800 of New Patel Nagar Iron's Bridge to Sattowala Ghati Aproach Road

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 : 32
Chainage (at Mid Point) : 0.800
Road/ Segment Name : 767
Bridge Type : Motor Bridge High Level
Structure No : 1/1
Feature Intersected : Bindal river
Name of Bridge : Sattowali Ghati Bridge
Nearest Town : Gandhi Gram
Latitude (Northing) : 30.31426700
Longitude (Easting) : 78.01534700
Construction Year : 2003
Inventory Year : 2020
Work Code(s) : --
Geometric
Overall length (in meter) : 27.00
Total No of Span : 8
Maximuam Span (in meter) : 27.00
Span Arragment : 8x3
No of Lane : 1.500
Overall Width (m) : 6.000
Carriageway Width (m) : 5.000
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch Width i/c Shoulders (m) : 6.000
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 : Box girder
Superstructure Material : Reinforced concrete
Wearing Coat Type : Cement Concrete
Expension Joint Type : Not Provided
Railing/Crash Barrier type : Steel rolled section
Bearing type : Not Provided
Sub-Structure
Founding Strata : Rocky
Abutment Foundation Type : Open
Pier Foundation Type : Well
No of Piers : 0
Abutment Type : Stone Masonry
Pier Type : RCC Solid
Protection Work
Bank Protection Left Side of Up-stream : R.R. Masonry
Bank Protection Right Side of Up-stream : R.R. Masonry
Bank Protection Left Side of Down-stream : R.R. Masonry
Bank Protection Right Side of Down-stream : R.R. Masonry
Floor Protection on Up-stream : Cement Concrete Floor
Floor Protection on Down-stream : Cement Concrete Floor
Tratment for Corrosion Protection (if any) : Not required (RCC Box Culvert)
final
Name of JE/AAE :