ID :378  santala devi bridge  __ __ __ __ __

on Chainage 3.696 of Cantt to Santla Devi Road

In District Dehradun Under PD Dehradun Division

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Bridge Inventory Report

Division: PD Dehradun

Data not-yet finalized

General
Name of Division : 51
Revenue Block Name : 32
Chainage (at Mid Point) : 3.696
Road/ Segment Name : 1232
Bridge Type : Motor Bridge High Level
Structure No : 4/1
Feature Intersected : Dhobakhala nallah
Name of Bridge : santala devi bridge
Nearest Town : dehradun
Latitude (Northing) : 30.39689600
Longitude (Easting) : 78.02898000
Construction Year : 2013
Inventory Year : 2021
Work Code(s) : --
Geometric
Overall length (in meter) : 36.00
Total No of Span : 1
Maximuam Span (in meter) : 36.00
Span Arragment : 1x36.00m
No of Lane : 1.500
Overall Width (m) : 6.700
Carriageway Width (m) : 5.500
RS Footpath Width (m) : 0.600
LS Footpath Width (m) : 0.600
Approch Width i/c Shoulders (m) : 9.100
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 B
Load Rating : Class B
Super-Structure
Superstructure Type : Truss
Superstructure Material : Steel
Wearing Coat Type : Cement Concrete
Expension Joint Type : Filler
Railing/Crash Barrier type : Tubular steel
Bearing type : Elastomeric
Sub-Structure
Founding Strata : Bouldery
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 : 24 m.R/W and 27m. Plum concrete provided
Bank Protection Right Side of Up-stream : 24 m.R/W provided
Bank Protection Left Side of Down-stream : 22 m.R/W provided
Bank Protection Right Side of Down-stream : 22 m.R/W 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 : Udyram

