ID :1149 santivihar Deal bridge __ __ __ __ __

on Chainage 5.526 of Ring Road of Dehradun(Jogiwala to Kirsali Chock) state highway

In District Dehradun Under TD Rishikesh Division

Bridge Inventory Report

Division: TD Rishikesh

Data not-yet finalized

General
Name of Division : 53
Revenue Block Name : 32
Chainage (at Mid Point) : 5.526
Road/ Segment Name : 84
Bridge Type : Motor Bridge High Level
Structure No : 06/2
Feature Intersected : Pagalnala
Name of Bridge : santivihar Deal bridge
Nearest Town : Deal
Latitude (Northing) : 30.32065500
Longitude (Easting) : 78.07544300
Construction Year : 2019
Inventory Year : 2021
Work Code(s) : --
Geometric
Overall length (in meter) : 54.60
Total No of Span : 9
Maximuam Span (in meter) : 6.00
Span Arragment : 9x6.00
No of Lane : 2.000
Overall Width (m) : 15.000
Carriageway Width (m) : 12.000
RS Footpath Width (m) : 1.500
LS Footpath Width (m) : 1.500
Approch Width i/c Shoulders (m) : 12.000
Gradient (%age) : 2
Skew Angle (degree) : 26.00
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 : Single/Multi-cell Box
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 : Roller & Rocker
Sub-Structure
Founding Strata : Sandy
Abutment Foundation Type : Open
Pier Foundation Type : other
No of Piers : 8
Abutment Type : RCC counterfort type
Pier Type : other
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 :

