ID :440 Box Culvert __ __ __ __ __

on Chainage 0.900 of Keshuwala Link Road in Nathuwala Ambiwala

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) : 0.900
Road/ Segment Name : 913
Bridge Type : Motor Bridge High Level
Structure No : 1/1
Feature Intersected : Aasan River
Name of Bridge : Box Culvert
Nearest Town : Naya Gaon
Latitude (Northing) : 30.31305556
Longitude (Easting) : 77.91055556
Construction Year : 2006
Inventory Year : 2021
Work Code(s) : --
Geometric
Overall length (in meter) : 40.00
Total No of Span : 11
Maximuam Span (in meter) : 10.00
Span Arragment : 4x10
No of Lane : 2.000
Overall Width (m) : 8.400
Carriageway Width (m) : 5.500
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch Width i/c Shoulders (m) : 10.500
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 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 : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Tubular steel
Bearing type : POT PIN
Sub-Structure
Founding Strata : Bouldery
Abutment Foundation Type : Raft
Pier Foundation Type : Raft
No of Piers : 11
Abutment Type : RCC Box 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 :

