ID :144 RCC Bridge __ __ __ __ __

on Chainage 27.650 of Haripur Ichadi Meenus state highway

In District Dehradun Under TD Sahiya Division

Bridge Inventory Report

Division: TD Sahiya

Data not-yet finalized

General
Name of Division : 56
Revenue Block Name : 29
Chainage (at Mid Point) : 27.650
Road/ Segment Name : 45
Bridge Type : Motor Bridge High Level
Structure No : 28/1
Feature Intersected : Baukhaya khala
Name of Bridge : RCC Bridge
Nearest Town : Koti
Latitude (Northing) : 30.61111100
Longitude (Easting) : 77.79472200
Construction Year : 1964
Inventory Year : 2021
Work Code(s) : ADB
Geometric
Overall length (in meter) : 10.20
Total No of Span : 1
Maximuam Span (in meter) : 10.20
Span Arragment : 1 X 10.20
No of Lane : 1.000
Overall Width (m) : 7.500
Carriageway Width (m) : 7.000
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch Width i/c Shoulders (m) : 8.500
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 : NA
Load Rating : NA
Super-Structure
Superstructure Type : Truss
Superstructure Material : Reinforced concrete
Wearing Coat Type : Bituminous Concrete
Expension Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Cast-in-situ concrete
Bearing type : Not Provided
Sub-Structure
Founding Strata : Rocky
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 : 12.00 Mt. long Plum Masonry
Bank Protection Right Side of Up-stream : no protection work provided
Bank Protection Left Side of Down-stream : 3 X 24.00 Mt. long Plum Masonry
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 :

