

ID :114 MDDA colony-Bhagat singh colony bridge _ _ _ _ _

on Chainage 0.000 of Lower Adhoyiwala se Raipur Chuna Bhatta M.D.D.A Colony tak Road (Ward 28)

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) : 0.000

Road/ Segment Name : 1439

Bridge Type : Motor Bridge High Level

Structure No : 0/1

Feature Intersected : Rispana

Name of Bridge : MDDA colony-Bhagat singh colony bridge

Nearest Town : MDDA Colony

Latitude (Northing) : 30.31375000

Longitude (Easting) : 78.06502778

Construction Year : 2007

Inventory Year : 2021

Geometric

Overall length (in meter) : 35.00

Total No of Span : 3

Maximum Span (in meter) : 13.00

Span Arrangement : 2x12+1x11

No of Lane : 2.000

Overall Width (m) : 6.250

Carriageway Width (m) : 4.800

RS Footpath Width (m) : 0.700

LS Footpath Width (m) : 0.700

Approach Width i/c Shoulders (m) : 7.000

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 : T-beam and slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion 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 : Open

Pier Foundation Type : Open

No of Piers : 2

Abutment Type : Stone Masonry

Pier Type : RCC Solid

Protection Work

Bank Protection Left Side of Up-stream : Protection work provided

Bank Protection Right Side of Up-stream : protection work provided

Bank Protection Left Side of Down-stream : protection work provided

Bank Protection Right Side of Down-stream : protection work provided

Floor Protection on Up-stream : no protection work provided

Floor Protection on Down-stream : no protection work provided

Treatment for Corrosion Protection (if any) : no special treatment provided

final

Name of JE/AAE :

