

ID :3431 RATHUWADHAB BRIDGE _ _ _ _ _

on Chainage 0.000 of road unknown

In District Pauri Under CD Dugadda Division

Bridge Inventory Report

Division: CD Dugadda

Data not-yet finalized

General

Name of Division : 71

Revenue Block Name : 43

Chainage (at Mid Point) : 0.000

Road/ Segment Name :

Bridge Type : Motor Bridge High Level

Structure No : 1/1

Feature Intersected : MANDAL

Name of Bridge : RATHUWADHAB BRIDGE

Nearest Town : RATHUWADHAB

Latitude (Northing) : 29.66972222

Longitude (Easting) : 78.85472222

Construction Year : 2023

Inventory Year : 2024

Geometric

Overall length (in meter) : 200.45

Total No of Span : 6

Maximum Span (in meter) : 33.40

Span Arrangement : 1X6

No of Lane : 1.500

Overall Width (m) : 10.000

Carriageway Width (m) : 5.500

RS Footpath Width (m) : 1.500

LS Footpath Width (m) : 1.500

Approach Width i/c Shoulders (m) : 10.000

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

Design Data

HFL Highest Flood Level : 653.700

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 : Plate Girder

Superstructure Material : Reinforced concrete

Wearing Coat Type : Bituminous Concrete

Expansion Joint Type : Compression Seal Joint

Railing/Crash Barrier type : Cast-in-situ concrete

Bearing type : POT PIN

Sub-Structure

Founding Strata : Sandy

Abutment Foundation Type : Well

Pier Foundation Type : Well

No of Piers : 5

Abutment Type : other

Pier Type : RCC Hollow

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

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

final

Name of JE/AAE : DEEPENDRA SINGH RAWAT AAE

