

ID :3384 RRB \_ \_ \_ \_ \_

on Chainage 2.200 of Bahadrabad-Dhanauri-Imli Khera- Bhagwanpur-Gagalheri road via Dhirmajra to Nagal Marg

In District Haridwar Under CD Roorkee Division

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## Bridge Inventory Report

Division: CD Roorkee

Data not-yet finalized

### General

Name of Division : 59

Revenue Block Name : 90

Chainage (at Mid Point) : 2.200

Road/ Segment Name : 2268

Bridge Type : Motor Bridge Submersible

Structure No : 1

Feature Intersected : Nala

Name of Bridge : RRB

Nearest Town : Imlikheda

Latitude (Northing) : 29.93704700

Longitude (Easting) : 77.85870300

Construction Year : 2010

Inventory Year : 2024

### Geometric

Overall length (in meter) : 7.50

Total No of Span : 1

Maximum Span (in meter) : 6.00

Span Arrangement : 1\*6

No of Lane : 1.000

Overall Width (m) : 7.500

Carriageway Width (m) : 7.000

RS Footpath Width (m) : 2.500

LS Footpath Width (m) : 2.500

Approach Width i/c Shoulders (m) : 4.000

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 : Solid 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 : other

Sub-Structure

Founding Strata : Soft clayey

Abutment Foundation Type : Well

Pier Foundation Type : NA

No of Piers : 2

Abutment Type : Brick Masonry

Pier Type : NA

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

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