

ID :558 Gaddapu Bridge \_ \_ \_ \_ \_

on Chainage 43.400 of Nainital Kaladhungi Bajpur Doraha state highway

In District Nanital Under CD Ramnagar Division

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Bridge Inventory Report

Division: CD Ramnagar

Data not-yet finalized

#### General

Name of Division : 11

Revenue Block Name : 81

Chainage (at Mid Point) : 43.400

Road/ Segment Name : 72

Bridge Type : Motor Bridge High Level

Structure No : 43/2

Feature Intersected : Gaddapu Nala

Name of Bridge : Gaddapu Bridge

Nearest Town : Kaladhungi

Latitude (Northing) : 29.24020000

Longitude (Easting) : 79.27490000

Construction Year : 2003

Inventory Year : 2021

#### Geometric

Overall length (in meter) : 40.00

Total No of Span : 1

Maximum Span (in meter) : 40.00

Span Arrangement : 1x40m

No of Lane : 1.000

Overall Width (m) : 7.000

Carriageway Width (m) : 5.700

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 8.000

Gradient (%age) : 6

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 : Pre-stressed concrete

Wearing Coat Type : Bituminous Concrete

Expansion Joint Type : Asphaltic Plug Joint

Railing/Crash Barrier type : Steel rolled section

Bearing type : Roller & Rocker

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

Pier Foundation Type : Well

No of Piers : 0

Abutment Type : Stone Masonry

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

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

final

Name of JE/AAE : Nazim Husain AAE

