

ID :1666 ARCH BRIDGE _ _ _ _ _

on Chainage 96.500 of Late Shri Jagmohan Singh Negi (Laxmanjulla Dugada Rathuwadhab Dumakot) state highway

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 : 48

Chainage (at Mid Point) : 96.500

Road/ Segment Name : 63

Bridge Type : Motor Bridge Submersible

Structure No : 97/1

Feature Intersected : GADERA

Name of Bridge : ARCH BRIDGE

Nearest Town : KANDAKHAL

Latitude (Northing) : 29.87395000

Longitude (Easting) : 78.55380556

Construction Year : 1978

Inventory Year : 2022

Geometric

Overall length (in meter) : 6.30

Total No of Span : 1

Maximum Span (in meter) : 6.30

Span Arrangement : 1X6.3

No of Lane : 1.000

Overall Width (m) : 5.000

Carriageway Width (m) : 4.200

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 6.000

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 : NA

Load Rating : NA

Super-Structure

Superstructure Type : Solid slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Not Provided

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 : RCC buttressed type

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

Name of JE/AE : SATYAPRAKASH AE

