

ID :2086 RCC Arch bridge _ _ _ _ _

on Chainage 3.000 of Bunga Sakhnikhet bhedgavn motor road

In District Pauri Under PD Pauri Division

Bridge Inventory Report

Division: PD Pauri

Data not-yet finalized

General

Name of Division : 67

Revenue Block Name : 37

Chainage (at Mid Point) : 3.000

Road/ Segment Name : 3511

Bridge Type : Motor Bridge High Level

Structure No : 3/1

Feature Intersected : Kundi gadera

Name of Bridge : RCC Arch bridge

Nearest Town : Vill. Kund

Latitude (Northing) : 29.97319000

Longitude (Easting) : 78.70192000

Construction Year : 1980

Inventory Year : 2022

Geometric

Overall length (in meter) : 8.50

Total No of Span : 1

Maximum Span (in meter) : 8.50

Span Arrangement : 1*8.50

No of Lane : 1.000

Overall Width (m) : 6.500

Carriageway Width (m) : 5.900

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 7.600

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

Design Data

HFL Highest Flood Level : 694.000

OFL Ordinary Flood Level : 690.000

LWL Low Water Level : 688.000

Design Velocity (m/Sec) :

Design Discharge (Cumecs) :

Soffit Level at Centre : 698.000

Road Level at Centre : 699.000

Design Scour Level at Pier :

Design Scour Level at Abutments : 686.000

Exposure Condition : Moderate

Seismic Importance factor : 1.0

Design Loading : Class B

Load Rating : Class B

Super-Structure

Superstructure Type : Arch

Superstructure Material : Reinforced concrete

Wearing Coat Type : Bituminous Concrete

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : other

Bearing type : Not Provided

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : Stone 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

Name of JE/AAE : Er. Sushil Semwal

