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
Work Code(s) : --
Geometric
Overall length (in meter) : 8.50
Total No of Span : 1
Maximuam Span (in meter) : 8.50
Span Arragment : 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
Approch 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
Expension 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
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE : Er. Sushil Semwal