

ID :288 Chaukhamba Arch Bridge _ _ _ _ _

on Chainage 249.050 of Starting from its junction with NH-58 near Meerut in the state of Uttar Pradesh and connecting Bijnor Najibabad Kotdwara Pauri and terminating at junction with NH -58 near Srinagar National Highway

In District Pauri Under NH Srinagar Division

Bridge Inventory Report

Division: NH Srinagar

Data not-yet finalized

General

Name of Division : 130

Revenue Block Name : 35

Chainage (at Mid Point) : 249.050

Road/ Segment Name : 10

Bridge Type : Motor Bridge High Level

Structure No : 119/14

Feature Intersected : Chaukhamba Gadhera

Name of Bridge : Chaukhamba Arch Bridge

Nearest Town : Pauri

Latitude (Northing) : 30.13968900

Longitude (Easting) : 78.78282100

Construction Year : 1948

Inventory Year : 2020

Geometric

Overall length (in meter) : 12.40

Total No of Span : 1

Maximum Span (in meter) : 12.40

Span Arrangement : 1x12.40

No of Lane : 1.500

Overall Width (m) : 6.000

Carriageway Width (m) : 6.000

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 6.500

Gradient (%age) : 1

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 : Arch
Superstructure Material : Masonry
Wearing Coat Type : Bituminous Concrete
Expansion Joint Type : Other
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 : 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 : Rooma Bhardwaj

