

ID :2511 arch bridge \_ \_ \_ \_ \_

on Chainage 214.000 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) : 214.000

Road/ Segment Name : 10

Bridge Type : Motor Bridge High Level

Structure No : 119/9

Feature Intersected : local gadhera

Name of Bridge : arch bridge

Nearest Town : jwalpa devi

Latitude (Northing) : 29.99400000

Longitude (Easting) : 78.79800000

Construction Year : 1944

Inventory Year : 2022

### Geometric

Overall length (in meter) : 9.00

Total No of Span : 1

Maximum Span (in meter) : 9.00

Span Arrangement : 1\*9.00

No of Lane : 2.000

Overall Width (m) : 4.900

Carriageway Width (m) : 4.900

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 4.900

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 : Class A

Load Rating : Class A

Super-Structure

Superstructure Type : T-beam and slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Tubular steel

Bearing type : Elastomeric

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 :

