

ID :1520 Ramganga Bridge _ _ _ _ _

on Chainage 154.605 of Jyolikot Almora Karanprayag national highway

In District Almora Under NH Ranikhet Division

Bridge Inventory Report

Division: NH Ranikhet

Data not-yet finalized

General

Name of Division : 83

Revenue Block Name : 62

Chainage (at Mid Point) : 154.605

Road/ Segment Name : 12

Bridge Type : Motor Bridge High Level

Structure No : 155/5

Feature Intersected : Ramganga River

Name of Bridge : Ramganga Bridge

Nearest Town : Chaukhutiya

Latitude (Northing) : 29.88468300

Longitude (Easting) : 79.35189500

Construction Year : 1962

Inventory Year : 2020

Geometric

Overall length (in meter) : 47.50

Total No of Span : 1

Maximum Span (in meter) : 45.70

Span Arrangement : 1X45.70

No of Lane : 1.000

Overall Width (m) : 4.500

Carriageway Width (m) : 4.250

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 7.500

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 : 0.0

Design Loading : Class B
Load Rating : Class B
Super-Structure
Superstructure Type : Truss
Superstructure Material : Steel
Wearing Coat Type : Bituminous Concrete
Expansion Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Tubular steel
Bearing type : Roller & Rocker
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 : CC Block
Bank Protection Right Side of Up-stream : CC Block
Bank Protection Left Side of Down-stream : CC Block
Bank Protection Right Side of Down-stream : CC Block
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. Santosh Kumar (AAE)

