

ID :900 Kwarab _ _ _ _ _

on Chainage 55.510 of Jyolikot Almora Karanprayag national highway

In District Almora Under NH Haldwani Division

Bridge Inventory Report

Division: NH Haldwani

Data not-yet finalized

General

Name of Division : 61

Revenue Block Name : 68

Chainage (at Mid Point) : 55.510

Road/ Segment Name : 12

Bridge Type : Motor Bridge High Level

Structure No : 56/4

Feature Intersected : Vishwanath, kosi river

Name of Bridge : Kwarab

Nearest Town : Kwarab

Latitude (Northing) : 29.55379500

Longitude (Easting) : 79.60889700

Construction Year :

Inventory Year : 2020

Geometric

Overall length (in meter) : 36.00

Total No of Span : 1

Maximum Span (in meter) : 36.00

Span Arrangement : 1x36

No of Lane : 1.000

Overall Width (m) : 4.250

Carriageway Width (m) : 4.250

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 5.500

Gradient (%age) : 1

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

Design Data

HFL Highest Flood Level : 1058.200

OFL Ordinary Flood Level : 1053.800

LWL Low Water Level : 1053.000

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 B

Load Rating : Class B

Super-Structure

Superstructure Type : T-beam and slab

Superstructure Material : Steel

Wearing Coat Type : Bituminous Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Steel rolled section

Bearing type : Roller & Rocker

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

Pier Foundation Type : Raft

No of Piers : 2

Abutment Type : Stone Masonry

Pier Type : Stone Masonry

Protection Work

Bank Protection Left Side of Up-stream : wing wall

Bank Protection Right Side of Up-stream : wing wall

Bank Protection Left Side of Down-stream : wing wall

Bank Protection Right Side of Down-stream : wing wall

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 :

