

ID :3322 9 m span arch bridge _ _ _ _ _

on Chainage 72.800 of Mayali Guptkashi (Jakholi-Bhiri-Guptkashi & Mayali-Jakholi) state highway

In District Rudraprayag Under CD Ukhimath Division

Bridge Inventory Report

Division: CD Ukhimath

Data not-yet finalized

General

Name of Division : 40

Revenue Block Name : 16

Chainage (at Mid Point) : 72.800

Road/ Segment Name : 68

Bridge Type : Motor Bridge High Level

Structure No : 73/5

Feature Intersected : Ravan ganga

Name of Bridge : 9 m span arch bridge

Nearest Town : Guptkashi

Latitude (Northing) : 30.51111100

Longitude (Easting) : 79.05444400

Construction Year : 1980

Inventory Year : 2010

Geometric

Overall length (in meter) : 9.00

Total No of Span : 1

Maximum Span (in meter) : 9.00

Span Arrangement : 1x9

No of Lane : 1.000

Overall Width (m) : 5.950

Carriageway Width (m) : 4.250

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 5.950

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

Design Data

HFL Highest Flood Level : 106.000

OFL Ordinary Flood Level : 103.000

LWL Low Water Level : 102.000

Design Velocity (m/Sec) : 12.00

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 : Arch

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Other

Railing/Crash Barrier type : Tubular steel

Bearing type : Elastomeric

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 : Mukesh Prasad Painuly

