

ID :3187 Arch Bridge Devisour _ _ _ _ _

on Chainage 0.750 of road unknown

In District Uttarkashi Under CD Uttarkashi Division

Bridge Inventory Report

Division: CD Uttarkashi

Data not-yet finalized

General

Name of Division : 32

Revenue Block Name : 5

Chainage (at Mid Point) : 0.750

Road/ Segment Name :

Bridge Type : Motor Bridge High Level

Structure No : 0/30 TO 1/8

Feature Intersected : Bhagirathi

Name of Bridge : Arch Bridge Devisour

Nearest Town : CHINYALISOUR

Latitude (Northing) : 30.57306600

Longitude (Easting) : 78.33324100

Construction Year : 2013

Inventory Year : 2023

Geometric

Overall length (in meter) : 440.00

Total No of Span : 3

Maximum Span (in meter) : 162.00

Span Arrangement : 1x162

No of Lane : 1.000

Overall Width (m) : 6.060

Carriageway Width (m) : 4.250

RS Footpath Width (m) : 0.400

LS Footpath Width (m) : 0.400

Approach Width i/c Shoulders (m) : 6.000

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 : POT PIN

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

Pier Foundation Type : Well

No of Piers : 9

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 : Pooja Rana

