

ID :326 Bhagirathi bridge (Devprayag) _ _ _ _ _

on Chainage 294.450 of Delhi Badrinath Mana national highway : .

In District Tehri Under NH Srinagar Division

Bridge Inventory Report

Division: NH Srinagar

Data not-yet finalized

General

Name of Division : 130

Revenue Block Name : 21

Chainage (at Mid Point) : 294.450

Road/ Segment Name : 1

Bridge Type : Motor Bridge High Level

Structure No : 58/44

Feature Intersected : Bhagirathi

Name of Bridge : Bhagirathi bridge (Devprayag)

Nearest Town : Devprayag

Latitude (Northing) : 30.15100500

Longitude (Easting) : 78.59841700

Construction Year : 2003

Inventory Year : 2022

Geometric

Overall length (in meter) : 114.50

Total No of Span : 2

Maximum Span (in meter) : 74.50

Span Arrangement : 1*20+1*74.50+1*20

No of Lane : 2.000

Overall Width (m) : 8.150

Carriageway Width (m) : 7.450

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 8.000

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 : Severe

Seismic Importance factor : 0.0

Design Loading : NA

Load Rating : NA

Super-Structure

Superstructure Type : T-beam and slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Bituminous Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Steel rolled section

Bearing type : Elastomeric

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

Pier Foundation Type : Open

No of Piers : 2

Abutment Type : RCC Box type

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 : Abhishek Rawat

