

ID :2428 Juyalgarh Bridge \_ \_ \_ \_ \_

on Chainage 317.540 of Delhi Badrinath Mana national highway : .

In District Tehri Under NH Srinagar Division

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## Bridge Inventory Report

Division: NH Srinagar

Data not-yet finalized

### General

Name of Division : 130

Revenue Block Name : 22

Chainage (at Mid Point) : 317.540

Road/ Segment Name : 1

Bridge Type : Motor Bridge High Level

Structure No : 58/51

Feature Intersected : Local Gadhera

Name of Bridge : Juyalgarh Bridge

Nearest Town : Juyalgarh

Latitude (Northing) : 30.23305400

Longitude (Easting) : 78.70734800

Construction Year : 2021

Inventory Year : 2022

### Geometric

Overall length (in meter) : 79.70

Total No of Span : 3

Maximum Span (in meter) : 24.00

Span Arrangement : 1\*24+1\*24+1\*24

No of Lane : 2.000

Overall Width (m) : 11.500

Carriageway Width (m) : 7.600

RS Footpath Width (m) : 1.800

LS Footpath Width (m) : 1.800

Approach Width i/c Shoulders (m) : 12.000

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 : Mild

Seismic Importance factor : 0.0

Design Loading : Class A

Load Rating : Class A

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 : Cast-in-situ concrete

Bearing type : Roller & Rocker

Sub-Structure

Founding Strata : Bouldery

Abutment Foundation Type : Open

Pier Foundation Type : Raft

No of Piers : 2

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

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