

ID :1613 Chauras Bridge _ _ _ _ _

on Chainage 0.210 of road unknown

In District Pauri Under CD Srinagar Division

Bridge Inventory Report

Division: CD Srinagar

Data not-yet finalized

General

Name of Division : 69

Revenue Block Name : 36

Chainage (at Mid Point) : 0.210

Road/ Segment Name :

Bridge Type : Motor Bridge High Level

Structure No : 1/1

Feature Intersected : Akaknanda River

Name of Bridge : Chauras Bridge

Nearest Town : Srinagar Garhwal

Latitude (Northing) : 30.21898000

Longitude (Easting) : 78.80588000

Construction Year : 2018

Inventory Year : 2021

Geometric

Overall length (in meter) : 190.00

Total No of Span : 4

Maximum Span (in meter) : 80.00

Span Arrangement : 40+80+30+40

No of Lane : 2.000

Overall Width (m) : 11.500

Carriageway Width (m) : 7.500

RS Footpath Width (m) : 2.000

LS Footpath Width (m) : 2.000

Approach Width i/c Shoulders (m) : 14.000

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

Design Data

HFL Highest Flood Level : 547.490

OFL Ordinary Flood Level : 543.000

LWL Low Water Level : 541.000

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 : 0.0

Design Loading : Class AA

Load Rating : Class A

Super-Structure

Superstructure Type : Truss

Superstructure Material : Steel

Wearing Coat Type : Mastic asphalt

Expansion Joint Type : Modular Strip/Box Seal Joints

Railing/Crash Barrier type : Cast-in-situ concrete

Bearing type : other

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

Pier Foundation Type : Well

No of Piers : 3

Abutment Type : RCC counterfort type

Pier Type : RCC Solid

Protection Work

Bank Protection Left Side of Up-stream : No protection provided

Bank Protection Right Side of Up-stream : Protected with RCC Wall

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 : Ajeet Singh

