

ID :2496 Syansu Bridge _ _ _ _ _

on Chainage 1.000 of Syansu Bhenga Chaundhar motor road

In District Tehri Under PD New Tehri Division

Bridge Inventory Report

Division: PD New Tehri

Data not-yet finalized

General

Name of Division : 43

Revenue Block Name : 23

Chainage (at Mid Point) : 1.000

Road/ Segment Name : 4377

Bridge Type : Motor Bridge High Level

Structure No : 4/1

Feature Intersected : Bhagirathi

Name of Bridge : Syansu Bridge

Nearest Town : Syansu

Latitude (Northing) : 30.48609600

Longitude (Easting) : 78.40390200

Construction Year : 2006

Inventory Year : 2022

Geometric

Overall length (in meter) : 375.00

Total No of Span : 1

Maximum Span (in meter) : 375.00

Span Arrangement : 1x350

No of Lane : 1.000

Overall Width (m) : 3.500

Carriageway Width (m) : 3.000

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

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 : 830.000

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 : NA

Load Rating : NA

Super-Structure

Superstructure Type : Suspension

Superstructure Material : Reinforced concrete

Wearing Coat Type : Mastic asphalt

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Tubular steel

Bearing type : other

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

Pier Foundation Type : Well

No of Piers : 0

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 : Pramod Negi

