

ID :1240 48 meter span steel girger bridge at km 6 of Syasu Ratwari Nakot Kholi motor road _ _ _ _ _
on Chainage 5.930 of Syansu Ratwari Nakotkholi Motor Road.

In District Tehri Under CD Chamba Division

Bridge Inventory Report

Division: CD Chamba

Data not-yet finalized

General

Name of Division : 46

Revenue Block Name : 25

Chainage (at Mid Point) : 5.930

Road/ Segment Name : 4058

Bridge Type : Motor Bridge High Level

Structure No : 6/4

Feature Intersected : Local Gadera

Name of Bridge : 48 meter span steel girger bridge at km 6 of Syasu Ratwari Nakot Kholi motor road

Nearest Town : Kansdisaur

Latitude (Northing) : 30.48035556

Longitude (Easting) : 78.36638889

Construction Year : 2020

Inventory Year : 2021

Geometric

Overall length (in meter) : 48.00

Total No of Span : 1

Maximum Span (in meter) : 48.00

Span Arragment : 1x48

No of Lane : 1.500

Overall Width (m) : 8.400

Carriageway Width (m) : 5.500

RS Footpath Width (m) : 0.750

LS Footpath Width (m) : 0.750

Approch Width i/c Shoulders (m) : 8.400

Gradient (%age) : 1

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 : 0.0

Design Loading : Class 70R

Load Rating : Class 70R

Super-Structure

Superstructure Type : Truss

Superstructure Material : Steel

Wearing Coat Type : Cement 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 : Raft

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : RCC counterfort 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 : Brijesh Rana

