

ID :1286 Silyara bridge _ _ _ _ _

on Chainage 97.400 of Uttarkashi Ghansali Tilwara state highway

In District Tehri Under TD Ghansaali Division

Bridge Inventory Report

Division: TD Ghansaali

Data not-yet finalized

General

Name of Division : 45

Revenue Block Name : 19

Chainage (at Mid Point) : 97.400

Road/ Segment Name : 98

Bridge Type : Motor Bridge High Level

Structure No : 98/1

Feature Intersected : Silyara Gadera

Name of Bridge : Silyara bridge

Nearest Town : Beleshwar

Latitude (Northing) : 30.22222200

Longitude (Easting) : 78.22222000

Construction Year : 1992

Inventory Year : 2021

Geometric

Overall length (in meter) : 11.40

Total No of Span : 1

Maximum Span (in meter) : 11.40

Span Arrangement : 1*11.40

No of Lane : 1.000

Overall Width (m) : 4.250

Carriageway Width (m) : 3.750

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 6.400

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 : Moderate

Seismic Importance factor : 1.0

Design Loading : Class B

Load Rating : NA

Super-Structure

Superstructure Type : Plate Girder

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Other

Railing/Crash Barrier type : Tubular steel

Bearing type : Not Provided

Sub-Structure

Founding Strata : Bouldery

Abutment Foundation Type : Open

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : Stone Masonry

Pier Type : NA

Protection Work

Bank Protection Left Side of Up-stream : Plum concrete

Bank Protection Right Side of Up-stream : plum concrete

Bank Protection Left Side of Down-stream : Plum concrete

Bank Protection Right Side of Down-stream : Plum concrete

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 :

