

ID :3824 Siroun Bridge _ _ _ _ _

on Chainage 10.000 of Balkhila bridge to Siron-Kathor- Tangsa Bridle road

In District Chamoli Under PD Gopeshwar Division

Bridge Inventory Report

Division: PD Gopeshwar

Data not-yet finalized

General

Name of Division : 8

Revenue Block Name : 7

Chainage (at Mid Point) : 10.000

Road/ Segment Name : 5462

Bridge Type : Pedestrian Bridge

Structure No : 4/1

Feature Intersected : Balkhila River

Name of Bridge : Siroun Bridge

Nearest Town : Siroun

Latitude (Northing) : 30.23920000

Longitude (Easting) : 79.18594000

Construction Year : 1989

Inventory Year : 2025

Geometric

Overall length (in meter) : 47.00

Total No of Span : 1

Maximum Span (in meter) : 47.00

Span Arrangement : 1x47

No of Lane : 1.000

Overall Width (m) : 1.830

Carriageway Width (m) : 1.800

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 1.800

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

Design Data

HFL Highest Flood Level : 100.000

OFL Ordinary Flood Level : 100.000

LWL Low Water Level : 100.000

Design Velocity (m/Sec) : 100.00

Design Discharge (Cumecs) : 100.00

Soffit Level at Centre : 100.000

Road Level at Centre : 100.000

Design Scour Level at Pier : 100.000

Design Scour Level at Abutments : 100.000

Exposure Condition : Moderate

Seismic Importance factor : 1.0

Design Loading : Footpath Live Load

Load Rating : Class B

Super-Structure

Superstructure Type : T-beam and slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Tubular steel

Bearing type : Elastomeric

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Raft

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 :

