

ID :3536 70 m Bow string Girder Pedestrian Bridge at Sangam Ghat Devprayag _ _ _ _ _

on Chainage 0.000 of Approach road 45 meter and 70 meter span Bridge Tondeshwar Mahadev Temple
Devprayag

In District Tehri Under TD Kirtinagar Division

Bridge Inventory Report

Division: TD Kirtinagar

Data not-yet finalized

General

Name of Division : 47

Revenue Block Name : 21

Chainage (at Mid Point) : 0.000

Road/ Segment Name : 9463

Bridge Type : Pedestrian Bridge

Structure No : 1/1

Feature Intersected : Alaknanda

Name of Bridge : 70 m Bow string Girder Pedestrian Bridge at Sangam Ghat Devprayag

Nearest Town : Devprayag

Latitude (Northing) : 30.14527778

Longitude (Easting) : 78.59861111

Construction Year : 2024

Inventory Year : 2025

Geometric

Overall length (in meter) : 70.00

Total No of Span : 1

Maximum Span (in meter) : 70.00

Span Arrangement : 1x70

No of Lane : 1.000

Overall Width (m) : 2.000

Carriageway Width (m) : 2.000

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 2.000

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 : Footpath Live Load

Load Rating : Footpath Live Load

Super-Structure

Superstructure Type : Truss

Superstructure Material : Steel

Wearing Coat Type : Other

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : Tubular steel

Bearing type : Roller & Rocker

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

Pier Foundation Type : Raft

No of Piers : 0

Abutment Type : RCC counterfort type

Pier Type : NA

Protection Work

Bank Protection Left Side of Up-stream : Gabions provided

Bank Protection Right Side of Up-stream : no protection work provided

Bank Protection Left Side of Down-stream : Gabions 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) : Paint applied for corrosion Protection
final

Name of JE/AEE : Er. Naveen Gairola

