

ID :3763 54M BRIDGE _ _ _ _ _

on Chainage 16.000 of Gaurikund Kedarnath Bridle Road

In District Rudraprayag Under CD Guptkashi Division

Bridge Inventory Report

Division: CD Guptkashi

Data not-yet finalized

General

Name of Division : 127

Revenue Block Name : 16

Chainage (at Mid Point) : 16.000

Road/ Segment Name : 5835

Bridge Type : Pedestrian Bridge

Structure No : 16/1

Feature Intersected : SARASHWATI

Name of Bridge : 54M BRIDGE

Nearest Town : KEDARNATH

Latitude (Northing) : 30.73217900

Longitude (Easting) : 79.06721800

Construction Year : 2025

Inventory Year : 2025

Geometric

Overall length (in meter) : 54.00

Total No of Span : 1

Maximum Span (in meter) : 54.00

Span Arrangement : 1X54

No of Lane : 1.000

Overall Width (m) : 6.000

Carriageway Width (m) : 4.200

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 :

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 : Class A
Super-Structure
Superstructure Type : Truss
Superstructure Material : Steel
Wearing Coat Type : Cement Concrete
Expansion Joint Type : Modular Strip/Box Seal Joints
Railing/Crash Barrier type : Steel rolled section
Bearing type : POT PIN
Sub-Structure
Founding Strata : Bouldery
Abutment Foundation Type : Pile
Pier Foundation Type : Pile
No of Piers : 2
Abutment Type : other
Pier Type : RCC Solid
Protection Work
Bank Protection Left Side of Up-stream : GABION WORK
Bank Protection Right Side of Up-stream : GABION WORK
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/AEE : NARENDRA KUMAR DANDRIYAL

