

ID :3529 45 Meter span bridle steel girder bridge for connecting tonneswar mahadev temple at devparayag
on Chainage 57.000 of Approach road 45 meter and 70 meter span Bridge Tondeshwar Mahadev Temple
Devparayag

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) : 57.000

Road/ Segment Name : 9463

Bridge Type : Pedestrian Bridge

Structure No : 1/1

Feature Intersected : Alaknanda

Name of Bridge : 45 Meter span bridle steel girder bridge for connecting tonneswar mahadev temple at devparayag

Nearest Town : devparayag

Latitude (Northing) : 30.14446667

Longitude (Easting) : 78.59805556

Construction Year : 2024

Inventory Year : 2025

Geometric

Overall length (in meter) : 45.00

Total No of Span : 1

Maximum Span (in meter) : 45.00

Span Arrangement : 1X45

No of Lane : 1.000

Overall Width (m) : 3.000

Carriageway Width (m) : 3.000

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 3.000

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 : Raft
Pier Foundation Type : NA
No of Piers : 0
Abutment Type : RCC buttressed type
Pier Type : NA
Protection Work
Bank Protection Left Side of Up-stream : Gabions provided for protection work
Bank Protection Right Side of Up-stream : Gabions provided for protection work
Bank Protection Left Side of Down-stream : Gabions provided for protection work
Bank Protection Right Side of Down-stream : Gabions provided for protection work
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/AAE : Er. Naveen Gairola

