

ID :1589 ?????????? ??????? ?????? ”????? ?????“ ??? ???? ??????? ???? ?????? ??? ???? ???? ????-50 ???? ????  
8-10 \_\_\_\_\_

on Chainage 49.932 of Freedom fighter Shri Vishveshwar Dutt Saklani motor road (Raipur Kaddukhal state highway)

In District Tehri Under TD Thathyd Division

---

## Bridge Inventory Report

Division: TD Thathyd

Data not-yet finalized

### General

Name of Division : 49

Revenue Block Name : 24

Chainage (at Mid Point) : 49.932

Road/ Segment Name : 80

Bridge Type : Motor Bridge High Level

Structure No : 50/1

Feature Intersected : Song River

Name of Bridge : ?????????? ??????? ?????? ”????? ?????“ ??? ???? ??????? ???? ?????? ??? ???? ????-50  
???? 8-10

Nearest Town : Marora Village

Latitude (Northing) : 30.35718100

Longitude (Easting) : 78.26123100

Construction Year : 1978

Inventory Year : 2021

### Geometric

Overall length (in meter) : 36.00

Total No of Span : 1

Maximum Span (in meter) : 38.50

Span Arrangement : 1x38.50

No of Lane : 1.000

Overall Width (m) : 4.750

Carriageway Width (m) : 4.250

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 : 13.800

Road Level at Centre : 14.000

Design Scour Level at Pier :

Design Scour Level at Abutments :

Exposure Condition : Moderate

Seismic Importance factor : 0.0

Design Loading : Class B

Load Rating : Class B

Super-Structure

Superstructure Type : Truss

Superstructure Material : Steel

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Steel rolled section

Bearing type : Elastomeric

Sub-Structure

Founding Strata : Rocky

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 : None

Bank Protection Right Side of Up-stream : None

Bank Protection Left Side of Down-stream : None

Bank Protection Right Side of Down-stream : None

Floor Protection on Up-stream : None

Floor Protection on Down-stream : None

Treatment for Corrosion Protection (if any) : Required in soffit  
final

Name of JE/AAE :

