

ID :636 tadhag bridge \_ \_ \_ \_ \_

on Chainage 106.490 of Bikhyasain Deghat Bungidhar Mehalchori Bachuwaban Chokhutiya state highway

In District Almora Under CD Ranikhet Division

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## Bridge Inventory Report

Division: CD Ranikhet

Data not-yet finalized

### General

Name of Division : 4

Revenue Block Name : 62

Chainage (at Mid Point) : 106.490

Road/ Segment Name : 28

Bridge Type : Road Over Bridge

Structure No : 106/1

Feature Intersected : tadhag (gadhera)

Name of Bridge : tadhag bridge

Nearest Town : amshari

Latitude (Northing) : 29.88553611

Longitude (Easting) : 79.38251389

Construction Year : 1990

Inventory Year : 2021

### Geometric

Overall length (in meter) : 16.50

Total No of Span : 1

Maximum Span (in meter) : 16.00

Span Arrangement : 1x16.50

No of Lane : 1.000

Overall Width (m) : 5.200

Carriageway Width (m) : 4.400

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 4.800

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

### Design Data

HFL Highest Flood Level : 953.200

OFL Ordinary Flood Level : 951.700

LWL Low Water Level : 951.500

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 : NA

Load Rating : NA

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 : Roller & Rocker

Sub-Structure

Founding Strata : Hard clayey

Abutment Foundation Type : Raft

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : Stone Masonry

Pier Type : NA

Protection Work

Bank Protection Left Side of Up-stream : wier creates 25 mtr

Bank Protection Right Side of Up-stream : 15.00 mtr wire creats

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 : Er. Lalit Singh Sirari

