

ID :3521 pd ranikhet \_ \_ \_ \_ \_

on Chainage 26.125 of Bikhysain Deghat Bungidhar Mehalchori Bachuwaban Chokhutiya state highway

In District Almora Under PD Ranikhet Division

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## Bridge Inventory Report

Division: PD Ranikhet

Data not-yet finalized

### General

Name of Division : 3

Revenue Block Name : 61

Chainage (at Mid Point) : 26.125

Road/ Segment Name : 28

Bridge Type : Motor Bridge Submersible

Structure No : 26/1

Feature Intersected : Babaliya Gadhera

Name of Bridge : pd ranikhet

Nearest Town : Patharkhola

Latitude (Northing) : 29.86557600

Longitude (Easting) : 79.21705500

Construction Year : 1950

Inventory Year : 2025

### Geometric

Overall length (in meter) : 10.90

Total No of Span : 1

Maximum Span (in meter) : 10.90

Span Arrangement : 1X10.90

No of Lane : 1.000

Overall Width (m) : 4.500

Carriageway Width (m) : 4.500

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 4.500

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

### Design Data

HFL Highest Flood Level : 2000.000

OFL Ordinary Flood Level : 1500.000

LWL Low Water Level : 1100.000

Design Velocity (m/Sec) : 3.64

Design Discharge (Cumecs) : 0.00

Soffit Level at Centre : 3.000

Road Level at Centre : 5.000

Design Scour Level at Pier : 0.000

Design Scour Level at Abutments : 0.000

Exposure Condition : Moderate

Seismic Importance factor : 0.0

Design Loading : Class B

Load Rating : Class B

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 : other

Bearing type : Not Provided

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Raft

Pier Foundation Type : Open

No of Piers : 0

Abutment Type : Stone Masonry

Pier Type : Stone Masonry

Protection Work

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

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

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 :

