

ID :346 murkudiya bridge \_ \_ \_ \_ \_

on Chainage 2.750 of Murkudiya Looghar Patrani Motor Road

In District Nanital Under PD Nainital Division

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## Bridge Inventory Report

Division: PD Nainital

Data not-yet finalized

### General

Name of Division : 9

Revenue Block Name : 80

Chainage (at Mid Point) : 2.750

Road/ Segment Name : 3013

Bridge Type : Motor Bridge High Level

Structure No : 1/1

Feature Intersected : lugar river

Name of Bridge : murkudiya bridge

Nearest Town : Haldwani

Latitude (Northing) : 29.22659170

Longitude (Easting) : 79.69890277

Construction Year :

Inventory Year : 2016

### Geometric

Overall length (in meter) : 24.00

Total No of Span : 1

Maximum Span (in meter) : 24.00

Span Arrangement : 1x24

No of Lane : 1.000

Overall Width (m) : 4.700

Carriageway Width (m) : 4.150

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 5.500

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 : Class B  
Load Rating : Class B  
Super-Structure  
Superstructure Type : Truss  
Superstructure Material : Reinforced concrete  
Wearing Coat Type : Cement Concrete  
Expansion Joint Type : Not Provided  
Railing/Crash Barrier type : Tubular steel  
Bearing type : other  
Sub-Structure  
Founding Strata : Rocky  
Abutment Foundation Type : Raft  
Pier Foundation Type : Raft  
No of Piers : 0  
Abutment Type : Stone Masonry  
Pier Type : NA  
Protection Work  
Bank Protection Left Side of Up-stream : plum  
Bank Protection Right Side of Up-stream : plum  
Bank Protection Left Side of Down-stream : plum  
Bank Protection Right Side of Down-stream : plum  
Floor Protection on Up-stream : plum  
Floor Protection on Down-stream : plum  
Treatment for Corrosion Protection (if any) : paint  
final  
Name of JE/AAE : Er. Ved Prakash

