

ID :1123 Sutaniya Pul \_ \_ \_ \_ \_

on Chainage 42.625 of BhatraujKhan Ganai Chaukhutia 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) : 42.625

Road/ Segment Name : 101

Bridge Type : Motor Bridge High Level

Structure No : 43/2

Feature Intersected : Jhadkot Gadhera

Name of Bridge : Sutaniya Pul

Nearest Town : Sutaniya

Latitude (Northing) : 29.78966944

Longitude (Easting) : 79.26573333

Construction Year : 1960

Inventory Year : 2021

### Geometric

Overall length (in meter) : 17.00

Total No of Span : 1

Maximum Span (in meter) : 17.00

Span Arragment : 1x17.00

No of Lane : 1.000

Overall Width (m) : 5.000

Carriageway Width (m) : 4.300

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approch 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 : 847.000

OFL Ordinary Flood Level : 844.000

LWL Low Water Level : 843.500

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 : Class B  
Load Rating : Class B  
Super-Structure  
Superstructure Type : T-beam and slab  
Superstructure Material : Masonry  
Wearing Coat Type : Cement Concrete  
Expansion Joint Type : Other  
Railing/Crash Barrier type : Pre-cast concrete  
Bearing type : Not Provided  
Sub-Structure  
Founding Strata : Rocky  
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 : Masonry Wing Wall  
Bank Protection Right Side of Up-stream : Masonry Wing Wall  
Bank Protection Left Side of Down-stream : Masonry Wing Wall  
Bank Protection Right Side of Down-stream : Masonry Wing Wall  
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. Khajan singh rawat

