

ID :36 Sukhro Bridge \_ \_ \_ \_ \_

on Chainage 3.300 of Kodiya-Chauki Motadhank Road

In District Pauri Under CD Dugadda Division

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## Bridge Inventory Report

Division: CD Dugadda

Data not-yet finalized

### General

Name of Division : 71

Revenue Block Name : 43

Chainage (at Mid Point) : 3.300

Road/ Segment Name : 446

Bridge Type : Motor Bridge High Level

Structure No : 3/4

Feature Intersected : Sukhro River

Name of Bridge : Sukhro Bridge

Nearest Town : Kotdwar

Latitude (Northing) : 29.73888900

Longitude (Easting) : 78.48138900

Construction Year : 2014

Inventory Year : 2021

### Geometric

Overall length (in meter) : 300.00

Total No of Span : 12

Maximum Span (in meter) : 25.00

Span Arrangement : 1x12

No of Lane : 2.000

Overall Width (m) : 12.000

Carriageway Width (m) : 7.500

RS Footpath Width (m) : 1.750

LS Footpath Width (m) : 1.750

Approach Width i/c Shoulders (m) : 11.000

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 :

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 A

Load Rating : Class A

Super-Structure

Superstructure Type : Solid slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Bituminous Concrete

Expansion Joint Type : Reinforced Elastomeric Joint

Railing/Crash Barrier type : Cast-in-situ concrete

Bearing type : Elastomeric

Sub-Structure

Founding Strata : Sandy

Abutment Foundation Type : Open

Pier Foundation Type : Open

No of Piers : 11

Abutment Type : other

Pier Type : RCC Solid

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 : DEEPENDRA RAWAT AAE

