

ID :36 Sukhro Bridge _ _ _ _ _

on Chainage 3.300 of Kodiya-Chauki Motadhank Road

In District Pauri Under CD Dugadda Division

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/AEE : DEEPENDRA RAWAT AAE

