

ID :57 Sukhro Bridge _ _ _ _ _

on Chainage 12.700 of Chillarkhal Sigaddi Kotdwar Pakhro motor 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) : 12.700

Road/ Segment Name : 180

Bridge Type : Motor Bridge High Level

Structure No : 12/4

Feature Intersected : Sukhro River

Name of Bridge : Sukhro Bridge

Nearest Town : Kotdwar

Latitude (Northing) : 29.75222200

Longitude (Easting) : 78.48111100

Construction Year : 2010

Inventory Year : 2021

Geometric

Overall length (in meter) : 385.00

Total No of Span : 15

Maximum Span (in meter) : 25.00

Span Arrangement : 25x15

No of Lane : 2.000

Overall Width (m) : 11.000

Carriageway Width (m) : 7.500

RS Footpath Width (m) : 1.500

LS Footpath Width (m) : 1.500

Approach Width i/c Shoulders (m) : 12.000

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) : 0.00

Design Discharge (Cumecs) :

Soffit Level at Centre :

Road Level at Centre : 0.000

Design Scour Level at Pier : 0.000

Design Scour Level at Abutments : 0.000

Exposure Condition : Severe

Seismic Importance factor : 1.0

Design Loading : Class A

Load Rating : Class A

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 : Cast-in-situ concrete

Bearing type : POT PIN

Sub-Structure

Founding Strata : Sandy

Abutment Foundation Type : Open

Pier Foundation Type : Open

No of Piers : 13

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 : KAPIL CHAUHAN AAE

