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
Work Code(s) : --
Geometric
Overall length (in meter) : 300.00
Total No of Span : 12
Maximuam Span (in meter) : 25.00
Span Arragment : 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
Approch 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
Expension 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
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE : DEEPENDRA RAWAT AAE