ID :45 MALAN BRIDGE __ __ __ __ __

on Chainage 8.000 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) : 8.000
Road/ Segment Name : 180
Bridge Type : Motor Bridge High Level
Structure No : 8/1
Feature Intersected : MALAN RIVER
Name of Bridge : MALAN BRIDGE
Nearest Town : KOTDWAR
Latitude (Northing) : 29.79250000
Longitude (Easting) : 78.45806000
Construction Year : 2015
Inventory Year : 2021
Work Code(s) : --
Geometric
Overall length (in meter) : 325.00
Total No of Span : 13
Maximuam Span (in meter) : 25.00
Span Arragment : 25x13
No of Lane : 2.000
Overall Width (m) : 12.000
Carriageway Width (m) : 7.500
RS Footpath Width (m) : 1.500
LS Footpath Width (m) : 1.500
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 : Voided slab
Superstructure Material : Pre-stressed concrete
Wearing Coat Type : Bituminous Concrete
Expension 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 : 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 : PRADEEP MAMGAIN AAE

