ID :3069 20M SPAN MANDAI BRIDGE __ __ __ __ __

on Chainage 111.000 of Late Shri Jagmohan Singh Negi (Laxmanjulla Dugada Rathuwadhab Dumakot),(Freedom Fighter Late Avtar Singh (from km 189.50 to km 216.50)) state highway

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) : 111.000
Road/ Segment Name : 63
Bridge Type : Motor Bridge High Level
Structure No : 111/1
Feature Intersected : GADERA
Name of Bridge : 20M SPAN MANDAI BRIDGE
Nearest Town : MANDAI
Latitude (Northing) : 29.83144167
Longitude (Easting) : 78.61166667
Construction Year : 2017
Inventory Year : 2026
Work Code(s) : --
Geometric
Overall length (in meter) : 20.00
Total No of Span : 4
Maximuam Span (in meter) : 20.00
Span Arragment : 1X4
No of Lane : 2.000
Overall Width (m) : 7.000
Carriageway Width (m) : 6.600
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch Width i/c Shoulders (m) : 7.000
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 : Cement Concrete
Expension Joint Type : Not Provided
Railing/Crash Barrier type : Tubular steel
Bearing type : Not Provided
Sub-Structure
Founding Strata : Sandy
Abutment Foundation Type : Raft
Pier Foundation Type : Raft
No of Piers : 3
Abutment Type : RCC Box type
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 : SANTOSH KUMAR AAE

