ID :205 MANDAL BRIDGE __ __ __ __ __

on Chainage 2.000 of Banjadevi Rikhanikhal motor road.

In District Pauri Under PD Lansdown Division

Bridge Inventory Report

Division: PD Lansdown

Data not-yet finalized

General
Name of Division : 70
Revenue Block Name : 47
Chainage (at Mid Point) : 2.000
Road/ Segment Name : 459
Bridge Type : Motor Bridge High Level
Structure No : 2/1
Feature Intersected : MANDAL RIVER
Name of Bridge : MANDAL BRIDGE
Nearest Town : BANJADEVI
Latitude (Northing) : 29.64743400
Longitude (Easting) : 78.91698900
Construction Year : 1986
Inventory Year : 2020
Work Code(s) : --
Geometric
Overall length (in meter) : 84.00
Total No of Span : 1
Maximuam Span (in meter) : 84.00
Span Arragment : 1X84
No of Lane : 1.000
Overall Width (m) : 4.270
Carriageway Width (m) : 3.750
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch Width i/c Shoulders (m) : 6.000
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 B
Load Rating : Class B
Super-Structure
Superstructure Type : Truss
Superstructure Material : Steel
Wearing Coat Type : Bituminous Concrete
Expension Joint Type : Other
Railing/Crash Barrier type : Steel rolled section
Bearing type : Roller & Rocker
Sub-Structure
Founding Strata : Rocky
Abutment Foundation Type : Open
Pier Foundation Type : NA
No of Piers : 0
Abutment Type : Stone Masonry
Pier Type : NA
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 : VISHNU

