ID :364 Sawalde Bridge __ __ __ __ __

on Chainage 5.900 of Ramnagar Laldhang motor road

In District Nanital Under CD Ramnagar Division

Bridge Inventory Report

Division: CD Ramnagar

Data not-yet finalized

General
Name of Division : 11
Revenue Block Name : 81
Chainage (at Mid Point) : 5.900
Road/ Segment Name : 420
Bridge Type : Motor Bridge High Level
Structure No : 5/3
Feature Intersected : Sawalde River
Name of Bridge : Sawalde Bridge
Nearest Town : Ramnagar
Latitude (Northing) : 29.40158500
Longitude (Easting) : 79.06626900
Construction Year : 2018
Inventory Year : 2020
Work Code(s) : --
Geometric
Overall length (in meter) : 275.00
Total No of Span : 11
Maximuam Span (in meter) : 25.00
Span Arragment : 11x25m
No of Lane : 2.000
Overall Width (m) : 12.000
Carriageway Width (m) : 7.000
RS Footpath Width (m) : 1.500
LS Footpath Width (m) : 1.500
Approch 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 : 100.197
OFL Ordinary Flood Level :
LWL Low Water Level :
Design Velocity (m/Sec) : 1.61
Design Discharge (Cumecs) : 2182.42
Soffit Level at Centre :
Road Level at Centre : 104.000
Design Scour Level at Pier : 8.760
Design Scour Level at Abutments : 5.560
Exposure Condition : Moderate

Seismic Importance factor : 1.0
Design Loading : Class A
Load Rating : Class A
Super-Structure
Superstructure Type : Solid slab
Superstructure Material : Pre-stressed concrete
Wearing Coat Type : Mastic asphalt
Expension Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Cast-in-situ concrete
Bearing type : POT PIN
Sub-Structure
Founding Strata : Bouldery
Abutment Foundation Type : Well
Pier Foundation Type : Well
No of Piers : 10
Abutment Type : other
Pier Type : RCC Solid
Protection Work
Bank Protection Left Side of Up-stream : Plum Concrete
Bank Protection Right Side of Up-stream : Plum Concrete
Bank Protection Left Side of Down-stream : Plum Concrete
Bank Protection Right Side of Down-stream : Plum Concrete
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 : Girish Kumar AAE

