ID :167 sahiya bridge __ __ __ __ __

on Chainage 16.975 of Kalsi Chakarata state highway

In District Dehradun Under TD Sahiya Division

Bridge Inventory Report

Division: TD Sahiya

Data not-yet finalized

General
Name of Division : 56
Revenue Block Name : 29
Chainage (at Mid Point) : 16.975
Road/ Segment Name : 53
Bridge Type : Motor Bridge High Level
Structure No : 17/1
Feature Intersected : Amlawa nadi
Name of Bridge : sahiya bridge
Nearest Town : sahiya
Latitude (Northing) : 30.61260000
Longitude (Easting) : 77.87444000
Construction Year : 2019
Inventory Year : 2020
Work Code(s) : --
Geometric
Overall length (in meter) : 24.00
Total No of Span : 1
Maximuam Span (in meter) : 24.00
Span Arragment : 1x24
No of Lane : 2.000
Overall Width (m) : 8.400
Carriageway Width (m) : 7.500
RS Footpath Width (m) : 1.000
LS Footpath Width (m) : 1.000
Approch Width i/c Shoulders (m) : 8.500
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 AA
Load Rating : Class AA
Super-Structure
Superstructure Type : Solid slab
Superstructure Material : Reinforced concrete
Wearing Coat Type : Cement 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 : Raft
Pier Foundation Type : NA
No of Piers : 0
Abutment Type : RCC buttressed type
Pier Type : RCC Solid
Protection Work
Bank Protection Left Side of Up-stream : 15 m plum wall
Bank Protection Right Side of Up-stream : 15 m Plum wall
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 : Pankaj Badoni AAE Civil

