ID :3198 Daraid River Bridge __ __ __ __ __

on Chainage 1.825 of Sudhowala Polytechnic to Bhadrakali temple road

In District Dehradun Under PD Dehradun Division

Bridge Inventory Report

Division: PD Dehradun

Data not-yet finalized

General
Name of Division : 51
Revenue Block Name : 31
Chainage (at Mid Point) : 1.825
Road/ Segment Name : 1271
Bridge Type : Motor Bridge High Level
Structure No : 2/1/2
Feature Intersected : Daraid River
Name of Bridge : Daraid River Bridge
Nearest Town : Sudhowala
Latitude (Northing) : 30.35377300
Longitude (Easting) : 77.94771000
Construction Year : 2012
Inventory Year : 2014
Work Code(s) : --
Geometric
Overall length (in meter) : 13.30
Total No of Span : 2
Maximuam Span (in meter) : 6.00
Span Arragment : 1x5.95m+1x6.00m
No of Lane : 1.500
Overall Width (m) : 6.000
Carriageway Width (m) : 5.200
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 A
Load Rating : Class A
Super-Structure
Superstructure Type : Box girder
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 : Usha Bhandari