

ID :1521 Hill bypass to Bhupatwala via Kharkhari ROB _____

on Chainage 7.000 of Hill Bye Pass Road

In District Dehradun Under PD Haridwar Division

Bridge Inventory Report

Division: PD Haridwar

Data not-yet finalized

General

Name of Division : 55

Revenue Block Name : 33

Chainage (at Mid Point) : 7.000

Road/ Segment Name : 401

Bridge Type : Motor Bridge High Level

Structure No : 1

Feature Intersected : Sukhi Nadi

Name of Bridge : Hill bypass to Bhupatwala via Kharkhari ROB

Nearest Town : Bhupatwala

Latitude (Northing) : 29.97285730

Longitude (Easting) : 78.16986840

Construction Year : 2016

Inventory Year : 2021

Geometric

Overall length (in meter) : 204.00

Total No of Span : 19

Maximum Span (in meter) : 30.00

Span Arrangement : 6*25, 1*30, 2*12

No of Lane : 2.000

Overall Width (m) : 10.500

Carriageway Width (m) : 7.500

RS Footpath Width (m) : 1.500

LS Footpath Width (m) : 1.500

Approach 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 : T-beam and slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Tubular steel

Bearing type : Elastomeric

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Well

Pier Foundation Type : Well

No of Piers : 11

Abutment Type : Stone Masonry

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

Treatment for Corrosion Protection (if any) : no special treatment provided

final

Name of JE/AAE :

