

ID :3467 ??????-?????-????? ???? ?????? ?? ?????? 21 ??? 60 ?? ????0??0 ?????? ???????

on Chainage 20.250 of Shahpur Bhogpur Niranjanpur Raisi state highway

In District Haridwar Under CD Laksar Division

Bridge Inventory Report

Division: CD Laksar

Data not-yet finalized

General

Name of Division : 129

Revenue Block Name : 94

Chainage (at Mid Point) : 20.250

Road/ Segment Name : 89

Bridge Type : Motor Bridge High Level

Structure No : 21/2

Feature Intersected : Gebu Nala

Name of Bridge : ??????-?????-????? ???? ?????? ?? ?????? 21 ??? 60 ?? ????0??0 ?????? ???????

Nearest Town : Raisi

Latitude (Northing) : 29.69154600

Longitude (Easting) : 78.07158100

Construction Year : 2023

Inventory Year : 2023

Geometric

Overall length (in meter) : 60.00

Total No of Span : 13

Maximum Span (in meter) : 60.00

Span Arragment : 1x2.92m+1x4.6m+3x5.2m+1x4.6m+1x2.92m+1x4.6m+3x5.2m+1x4.6m+1x2.92m

No of Lane : 2.000

Overall Width (m) : 12.000

Carriageway Width (m) : 7.500

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 : 612.825

OFL Ordinary Flood Level : 611.825

LWL Low Water Level : 611.000

Design Velocity (m/Sec) : 0.00

Design Discharge (Cumecs) : 0.00

Soffit Level at Centre : 0.000

Road Level at Centre : 0.000

Design Scour Level at Pier : 0.000

Design Scour Level at Abutments : 0.000

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 : Filler

Railing/Crash Barrier type : Pre-cast concrete

Bearing type : Not Provided

Sub-Structure

Founding Strata : Sandy

Abutment Foundation Type : Pile

Pier Foundation Type : Pile

No of Piers : 12

Abutment Type : other

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 : Er. Balendra Singh

