

ID :1276 RCC BOX Culvert _ _ _ _ _

on Chainage 2.700 of Puhana Jhabreda Iqbalpur Gurkul Narsan state highway

In District Haridwar Under CD Roorkee Division

Bridge Inventory Report

Division: CD Roorkee

Data not-yet finalized

General

Name of Division : 59

Revenue Block Name : 91

Chainage (at Mid Point) : 2.700

Road/ Segment Name : 79

Bridge Type : Motor Bridge High Level

Structure No : 6/19

Feature Intersected : Nala

Name of Bridge : RCC BOX Culvert

Nearest Town : puhana

Latitude (Northing) : 29.89468000

Longitude (Easting) : 77.82583000

Construction Year : 2015

Inventory Year : 2021

Geometric

Overall length (in meter) : 15.00

Total No of Span : 5

Maximum Span (in meter) : 15.00

Span Arrangement : 3x5

No of Lane : 2.000

Overall Width (m) : 10.000

Carriageway Width (m) : 10.000

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach 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 :

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 : Bituminous Concrete

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : Cast-in-situ concrete

Bearing type : Not Provided

Sub-Structure

Founding Strata : Soft clayey

Abutment Foundation Type : Open

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : RCC Box type

Pier Type : NA

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 :

