

ID :1259 Pre stressed concrete Bridge _ _ _ _ _

on Chainage 7.800 of Manglor Nanuta Devband 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 : 92

Chainage (at Mid Point) : 7.800

Road/ Segment Name : 66

Bridge Type : Motor Bridge High Level

Structure No : 1/12

Feature Intersected : Sheela khala

Name of Bridge : Pre stressed concrete Bridge

Nearest Town : Narsan

Latitude (Northing) : 29.73328000

Longitude (Easting) : 77.80451000

Construction Year : 1987

Inventory Year : 2021

Geometric

Overall length (in meter) : 50.60

Total No of Span : 2

Maximum Span (in meter) : 25.30

Span Arragment : 2x25.30

No of Lane : 1.000

Overall Width (m) : 8.100

Carriageway Width (m) : 8.100

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approch Width i/c Shoulders (m) : 11.000

Gradient (%age) : 0

Skew Angle (degree) : 30.00

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 : Not Provided

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

Bearing type : other

Sub-Structure

Founding Strata : Soft clayey

Abutment Foundation Type : Well

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : RCC spill through 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 : Shivani Saini

