

ID :1379 Ratseem Box Type Culvert _ _ _ _ _

on Chainage 174.250 of Gangolihat, Berinag, Chaukori, Kanda, Bagheshwar, Takula and terminating at its junction with new NH No. 109 near Almora national highway

In District Almora Under NH Ranikhet Division

Bridge Inventory Report

Division: NH Ranikhet

Data not-yet finalized

General

Name of Division : 83

Revenue Block Name : 69

Chainage (at Mid Point) : 174.250

Road/ Segment Name : 17

Bridge Type : Motor Bridge High Level

Structure No : 175/3

Feature Intersected : Ratseem Gadhera

Name of Bridge : Ratseem Box Type Culvert

Nearest Town : Dotiyal Gaon Basoli

Latitude (Northing) : 29.71670556

Longitude (Easting) : 79.69978899

Construction Year : 2020

Inventory Year : 2020

Geometric

Overall length (in meter) : 6.00

Total No of Span : 1

Maximuam Span (in meter) : 6.00

Span Arragment : 1X6.00

No of Lane : 2.000

Overall Width (m) : 12.000

Carriageway Width (m) : 11.400

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

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 :

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 : 0.0

Design Loading : Class A

Load Rating : Class A

Super-Structure

Superstructure Type : Solid slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

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

Bearing type : Not Provided

Sub-Structure

Founding Strata : Rocky

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 : Plum Concrete three Row

Bank Protection Right Side of Up-stream : no protPlum Concrete three Row

Bank Protection Left Side of Down-stream : Plum Concrete Four Row

Bank Protection Right Side of Down-stream : Plum Concrete One Row & R.R 1:6 Wall

Floor Protection on Up-stream : Cement Concrete Apron

Floor Protection on Down-stream : Cement Concrete Apron

Treatment for Corrosion Protection (if any) : No Special Treatment provided

final

Name of JE/AEE : Er. Balam Singh Jani (AAE)

