

ID :603 Bijti Bridge _ _ _ _ _

on Chainage 118.900 of Ramnagar Kaladhungi Haldwani Kathgodam Chorgaliya Sitarganj Bizti state highway : .

In District Udham Singh Nagar Under CD Khatima Division

Bridge Inventory Report

Division: CD Khatima

Data not-yet finalized

General

Name of Division : 24

Revenue Block Name : 88

Chainage (at Mid Point) : 118.900

Road/ Segment Name : 83

Bridge Type : Motor Bridge High Level

Structure No : 1/1

Feature Intersected : Kailash River

Name of Bridge : Bijti Bridge

Nearest Town : Sitarganj

Latitude (Northing) : 28.87519700

Longitude (Easting) : 79.76553300

Construction Year : 1983

Inventory Year : 2020

Geometric

Overall length (in meter) : 120.00

Total No of Span : 4

Maximum Span (in meter) : 30.00

Span Arrangement : 1x30m+1x30m+1x30m+1x30m+

No of Lane : 2.000

Overall Width (m) : 8.400

Carriageway Width (m) : 8.400

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

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 : Pre-stressed concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Pre-cast concrete

Bearing type : POT PIN

Sub-Structure

Founding Strata : Sandy

Abutment Foundation Type : Well

Pier Foundation Type : Well

No of Piers : 4

Abutment Type : RCC Box type

Pier Type : RCC Hollow

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/AEE : Er. Satyapal Singh

