

ID :661 Baigul bridge at Bamanpuri shaktifarm motor road _ _ _ _ _

on Chainage 0.950 of Km 12 of NH 125 to Nanakmatta Gurudwara Sahib Bauli Sahib Tapeda bazar
Nanakmatta Tikuri Ransali motor road

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) : 0.950

Road/ Segment Name : 6251

Bridge Type : Motor Bridge High Level

Structure No : 1/1

Feature Intersected : Baigul River

Name of Bridge : Baigul bridge at Bamanpuri shaktifarm motor road

Nearest Town : Sitarganj

Latitude (Northing) : 28.95736000

Longitude (Easting) : 79.69222500

Construction Year : 1972

Inventory Year : 2021

Geometric

Overall length (in meter) : 72.00

Total No of Span : 8

Maximum Span (in meter) : 72.00

Span Arrangement : 8*9

No of Lane : 2.000

Overall Width (m) : 7.500

Carriageway Width (m) : 7.500

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 9.000

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 : Cast-in-situ concrete

Bearing type : POT PIN

Sub-Structure

Founding Strata : Sandy

Abutment Foundation Type : Open

Pier Foundation Type : Open

No of Piers : 8

Abutment Type : RCC Box type

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. Satyapal Singh

