

ID :664 Rcc bridge at Jhankat to Partappur road over Aitha Nala \_ \_ \_ \_ \_

on Chainage 3.050 of Jhankat to Pratappur Marg

In District Udham Singh Nagar Under CD Khatima Division

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## Bridge Inventory Report

Division: CD Khatima

Data not-yet finalized

### General

Name of Division : 24

Revenue Block Name : 89

Chainage (at Mid Point) : 3.050

Road/ Segment Name : 6378

Bridge Type : Motor Bridge High Level

Structure No : 4/1

Feature Intersected : Local river

Name of Bridge : Rcc bridge at Jhankat to Partappur road over Aitha Nala

Nearest Town : Khatima

Latitude (Northing) : 28.92907830

Longitude (Easting) : 79.87888880

Construction Year : 1998

Inventory Year : 2021

### Geometric

Overall length (in meter) : 30.00

Total No of Span : 3

Maximum Span (in meter) : 10.00

Span Arrangement : 3x10.00m

No of Lane : 1.000

Overall Width (m) : 5.000

Carriageway Width (m) : 4.500

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 6.000

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 B

Load Rating : Class B

Super-Structure

Superstructure Type : Solid slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Other

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

Bearing type : Not Provided

Sub-Structure

Founding Strata : Sandy

Abutment Foundation Type : Pile

Pier Foundation Type : Pile

No of Piers : 2

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. Girish Chandra Lohani

