

ID :635 Canal Bridge \_ \_ \_ \_ \_

on Chainage 12.600 of Connects Sahjahanpur, Bisalpur, Barkhera, Pilibhit, Neoria Husainpur, Majhola, Chanda, Mundeli and Khatima in the state of Uttar Pardesh and Uttrakhand : .

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) : 12.600

Road/ Segment Name : 99

Bridge Type : Motor Bridge High Level

Structure No : 1/2

Feature Intersected : Canal River

Name of Bridge : Canal Bridge

Nearest Town : Khatima

Latitude (Northing) : 28.82869400

Longitude (Easting) : 79.89516700

Construction Year : 1976

Inventory Year : 2021

### Geometric

Overall length (in meter) : 22.00

Total No of Span : 3

Maximum Span (in meter) : 22.00

Span Arragment : 1x6.5+1x6.5+1x6.5

No of Lane : 2.000

Overall Width (m) : 8.000

Carriageway Width (m) : 7.500

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 : 1.0

Design Loading : Class B

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 : Pre-cast concrete

Bearing type : other

Sub-Structure

Founding Strata : Soft clayey

Abutment Foundation Type : Open

Pier Foundation Type : Open

No of Piers : 2

Abutment Type : Brick Masonry

Pier Type : Brick Masonry

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 : prakash singh

