

ID :2739 Sookhi River Bridge \_ \_ \_ \_ \_

on Chainage 12.000 of Sirsa Mod to Shaktifarm Rudrapur Jailcamp Sidcul motor road

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 : 88

Chainage (at Mid Point) : 12.000

Road/ Segment Name : 6250

Bridge Type : Motor Bridge High Level

Structure No : 1/1

Feature Intersected : Sookhi River Bridge

Name of Bridge : Sookhi River Bridge

Nearest Town : Sitarganj

Latitude (Northing) : 29.02849400

Longitude (Easting) : 79.66625800

Construction Year : 2022

Inventory Year : 2022

### Geometric

Overall length (in meter) : 180.00

Total No of Span : 6

Maximum Span (in meter) : 30.00

Span Arrangement : 6x30

No of Lane : 2.000

Overall Width (m) : 12.000

Carriageway Width (m) : 12.000

RS Footpath Width (m) : 0.600

LS Footpath Width (m) : 0.600

Approach 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 70R

Load Rating : Class 70R

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 : Tubular steel

Bearing type : POT PIN

Sub-Structure

Founding Strata : Sandy

Abutment Foundation Type : Well

Pier Foundation Type : Well

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

