ID :652 Brick Arch Bridge over Sookhi river __ __ __ __ __

on Chainage 5.530 of Khatima Melaghat Banmohaliya state highway : Khatima Melaghat Banmaholia 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 : 89
Chainage (at Mid Point) : 5.530
Road/ Segment Name : 7552
Bridge Type : Motor Bridge High Level
Structure No : 6/1
Feature Intersected : Sookhi River
Name of Bridge : Brick Arch Bridge over Sookhi river
Nearest Town : KHATIMA
Latitude (Northing) : 28.88314400
Longitude (Easting) : 80.00651700
Construction Year : 1927
Inventory Year : 2021
Work Code(s) : ADB
Geometric
Overall length (in meter) : 95.47
Total No of Span : 11
Maximuam Span (in meter) : 8.67
Span Arragment : 11x8.67m
No of Lane : 1.500
Overall Width (m) : 5.500
Carriageway Width (m) : 5.120
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 B
Super-Structure
Superstructure Type : Arch
Superstructure Material : Masonry
Wearing Coat Type : Bituminous Concrete
Expension Joint Type : Not Provided
Railing/Crash Barrier type : other
Bearing type : other
Sub-Structure
Founding Strata : Soft clayey
Abutment Foundation Type : Open
Pier Foundation Type : Open
No of Piers : 11
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
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE : Prakash Singh

