ID :654 RCC Arc Bridge over Sardha main Channel __ __ __ __ __

on Chainage 6.210 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) : 6.210
Road/ Segment Name : 7552
Bridge Type : Motor Bridge High Level
Structure No : 7/1
Feature Intersected : Sardha main Channel
Name of Bridge : RCC Arc Bridge over Sardha main Channel
Nearest Town : Khatima
Latitude (Northing) : 28.88137800
Longitude (Easting) : 80.01324600
Construction Year : 1953
Inventory Year : 2021
Work Code(s) : ADB
Geometric
Overall length (in meter) : 62.80
Total No of Span : 5
Maximuam Span (in meter) : 40.50
Span Arragment : 1x5.0+1x5.0+1x40.5+1x5.0+1x5.0
No of Lane : 1.000
Overall Width (m) : 4.000
Carriageway Width (m) : 3.650
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 : Reinforced concrete
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 : 4
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

