ID :197 Tyuni Purola Naugaon Motor Road Km 83 Steel Girder Bridge(Yamuna Bridge) __ __ __ __ __

on Chainage 83.000 of Tuni Purola Naugaon state highway

In District Uttarkashi Under CD Purola Division

Bridge Inventory Report

Division: CD Purola

Data not-yet finalized

General
Name of Division : 33
Revenue Block Name : 3
Chainage (at Mid Point) : 83.000
Road/ Segment Name : 97
Bridge Type : Motor Bridge High Level
Structure No : 83/1
Feature Intersected : Yamuna River
Name of Bridge : Tyuni Purola Naugaon Motor Road Km 83 Steel Girder Bridge(Yamuna Bridge)
Nearest Town : Naugaon
Latitude (Northing) : 30.79226500
Longitude (Easting) : 78.13884600
Construction Year : 1966
Inventory Year : 2021
Work Code(s) : --
Geometric
Overall length (in meter) : 48.80
Total No of Span : 1
Maximuam Span (in meter) : 48.80
Span Arragment : 1X48
No of Lane : 1.000
Overall Width (m) : 4.000
Carriageway Width (m) : 4.000
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch 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 : Truss
Superstructure Material : Steel
Wearing Coat Type : Bituminous Concrete
Expension Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Tubular steel
Bearing type : Elastomeric
Sub-Structure
Founding Strata : Rocky
Abutment Foundation Type : Open
Pier Foundation Type : Well
No of Piers : 0
Abutment Type : Stone Masonry
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
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE :

