ID :1474 SULYA BRIDGE __ __ __ __ __

on Chainage 62.070 of Starting from its junction with NH-58 near Meerut in the state of Uttar Pradesh and connecting Bijnor Najibabad Kotdwara Pauri and terminating at junction with NH -58 near Srinagar National Highway

In District Pauri Under NH Dhumakot Division

Bridge Inventory Report

Division: NH Dhumakot

Data not-yet finalized

General
Name of Division : 63
Revenue Block Name : 42
Chainage (at Mid Point) : 62.070
Road/ Segment Name : 10
Bridge Type : Motor Bridge High Level
Structure No : 63/13
Feature Intersected : LOCAL GADERA
Name of Bridge : SULYA BRIDGE
Nearest Town : GUMKHAL
Latitude (Northing) : 29.90422300
Longitude (Easting) : 78.67414900
Construction Year : 2020
Inventory Year : 2022
Geometric
Overall length (in meter) : 7.50
Total No of Span : 1
Maximuam Span (in meter) : 7.50
Span Arragment : 1X7.50
No of Lane : 2.000
Overall Width (m) : 13.000
Carriageway Width (m) : 13.000
RS Footpath Width (m) : 1.500
LS Footpath Width (m) : 1.500
Approch Width i/c Shoulders (m) : 3.500
Gradient (%age) : 3
Skew Angle (degree) : 0.00
Radius of Curve in Plan (if Any) : 0.00
Design Data
HFL Highest Flood Level : 1429.121
OFL Ordinary Flood Level :
LWL Low Water Level :
Design Velocity (m/Sec) : 10.00
Design Discharge (Cumecs) : 113.00
Soffit Level at Centre : 1432.927
Road Level at Centre : 1433.539
Design Scour Level at Pier :
Design Scour Level at Abutments :

Exposure Condition : Extreme
Seismic Importance factor : 1.0
Design Loading : Class AA
Load Rating : Class AA
Super-Structure
Superstructure Type : Solid slab
Superstructure Material : Reinforced concrete
Wearing Coat Type : Mastic asphalt
Expension Joint Type : Other
Railing/Crash Barrier type : Cast-in-situ concrete
Bearing type : other
Sub-Structure
Founding Strata : Rocky
Abutment Foundation Type : Raft
Pier Foundation Type : NA
No of Piers : 0
Abutment Type : RCC buttressed type
Pier Type : NA
Protection Work
Bank Protection Left Side of Up-stream : RCC RETURN WALL
Bank Protection Right Side of Up-stream : RCC RETURN WALL
Bank Protection Left Side of Down-stream : RCC RETURN WALL
Bank Protection Right Side of Down-stream : RCC RETURN WALL
Floor Protection on Up-stream : RCC CONCRETE
Floor Protection on Down-stream : RCC CONCRETE
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE : Ashish Saini