ID :2473 Malakunti Bridge __ __ __ __ __

on Chainage 252.950 of Paonta sahib (fazilka) Badrinath Mana pass national highway : .

In District Tehri Under NH Div Srinagar Division

Bridge Inventory Report

Division: NH Div Srinagar

Data not-yet finalized

General
Name of Division : 130
Revenue Block Name : 27
Chainage (at Mid Point) : 252.950
Road/ Segment Name : 1
Bridge Type : Motor Bridge High Level
Structure No : 253/2/1
Feature Intersected : Ganga river
Name of Bridge : Malakunti Bridge
Nearest Town : Gular
Latitude (Northing) : 30.08972000
Longitude (Easting) : 78.43472000
Construction Year : 2021
Inventory Year : 2022
Work Code(s) : --
Geometric
Overall length (in meter) : 340.00
Total No of Span : 10
Maximuam Span (in meter) : 34.00
Span Arragment : 10x34
No of Lane : 2.000
Overall Width (m) : 11.600
Carriageway Width (m) : 11.000
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch Width i/c Shoulders (m) : 11.600
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 A
Load Rating : Class A
Super-Structure
Superstructure Type : T-beam and slab
Superstructure Material : Reinforced concrete
Wearing Coat Type : Cement Concrete
Expension Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Cast-in-situ concrete
Bearing type : Elastomeric
Sub-Structure
Founding Strata : Rocky
Abutment Foundation Type : Open
Pier Foundation Type : Well
No of Piers : 9
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
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE : Brijpal