ID :3284 New Chalthi Bridge __ __ __ __ __

on Chainage 86.082 of starting from its junction with NH -74 near Sitarganj connecting Khatima -Tanakpur and terminating at Pithoragarh national Highway : Tanakpur Pithoragarh

In District Champawat Under NH Div Lohaghat Division

Bridge Inventory Report

Division: NH Div Lohaghat

Data not-yet finalized

General
Name of Division : 133
Revenue Block Name : 60
Chainage (at Mid Point) : 86.082
Road/ Segment Name : 13
Bridge Type : Motor Bridge High Level
Structure No : 87/1
Feature Intersected : Ladhiya River
Name of Bridge : New Chalthi Bridge
Nearest Town : Chalthi
Latitude (Northing) : 29.19766500
Longitude (Easting) : 80.09381300
Construction Year : 2023
Inventory Year : 2023
Work Code(s) : --
Geometric
Overall length (in meter) : 165.00
Total No of Span : 3
Maximuam Span (in meter) : 120.00
Span Arragment : 1x30 + 1x120 + 1x15
No of Lane : 2.000
Overall Width (m) : 14.800
Carriageway Width (m) : 10.500
RS Footpath Width (m) : 1.500
LS Footpath Width (m) : 1.500
Approch Width i/c Shoulders (m) : 10.000
Gradient (%age) : 0
Skew Angle (degree) : 0.00
Radius of Curve in Plan (if Any) : 0.00
Design Data
HFL Highest Flood Level : 574.000
OFL Ordinary Flood Level : 573.000
LWL Low Water Level : 565.920
Design Velocity (m/Sec) : 7.49
Design Discharge (Cumecs) : 3562.26
Soffit Level at Centre : 583.375
Road Level at Centre : 583.420
Design Scour Level at Pier : 556.630
Design Scour Level at Abutments : 556.630

Exposure Condition : Mild
Seismic Importance factor : 1.5
Design Loading : Class A
Load Rating : Class A
Super-Structure
Superstructure Type : Truss
Superstructure Material : Steel
Wearing Coat Type : Bituminous Concrete
Expension Joint Type : Other
Railing/Crash Barrier type : Cast-in-situ concrete
Bearing type : Roller & Rocker
Sub-Structure
Founding Strata : Rocky
Abutment Foundation Type : Open
Pier Foundation Type : Raft
No of Piers : 2
Abutment Type : other
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) : Apron provided in 9.50 m width for both side piers.
final
Name of JE/AAE :

