

ID :3046 78 m Bridge in Nagjagai Fegu Motor Road _ _ _ _ _

on Chainage 0.460 of Nagjagai Fegu Barmwari Motor Road from NH 107 Giwala

In District Rudraprayag Under CD Ukhimath Division

Bridge Inventory Report

Division: CD Ukhimath

Data not-yet finalized

General

Name of Division : 40

Revenue Block Name : 17

Chainage (at Mid Point) : 0.460

Road/ Segment Name : 6840

Bridge Type : Motor Bridge High Level

Structure No : 1/1

Feature Intersected : Mandakini River

Name of Bridge : 78 m Bridge in Nagjagai Fegu Motor Road

Nearest Town : Bhiri

Latitude (Northing) : 30.47636000

Longitude (Easting) : 79.08110000

Construction Year : 2015

Inventory Year : 2023

Geometric

Overall length (in meter) : 78.00

Total No of Span : 1

Maximum Span (in meter) : 78.00

Span Arrangement : 1x1

No of Lane : 1.000

Overall Width (m) : 6.000

Carriageway Width (m) : 4.250

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach 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 : 960.500

LWL Low Water Level : 957.000

Design Velocity (m/Sec) :

Design Discharge (Cumecs) :

Soffit Level at Centre : 972.400

Road Level at Centre : 973.000

Design Scour Level at Pier :

Design Scour Level at Abutments :

Exposure Condition : Moderate

Seismic Importance factor : 0.0

Design Loading : Class B
Load Rating : Class B
Super-Structure
Superstructure Type : Truss
Superstructure Material : Steel
Wearing Coat Type : Cement Concrete
Expansion Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Steel rolled section
Bearing type : Elastomeric
Sub-Structure
Founding Strata : Rocky
Abutment Foundation Type : Open
Pier Foundation Type : Raft
No of Piers : 0
Abutment Type : Stone Masonry
Pier Type : NA
Protection Work
Bank Protection Left Side of Up-stream : Plum Concrete
Bank Protection Right Side of Up-stream : Plum Concrete
Bank Protection Left Side of Down-stream : Plum Concrete
Bank Protection Right Side of Down-stream : Plum Concrete
Floor Protection on Up-stream : NA
Floor Protection on Down-stream : NA
Treatment for Corrosion Protection (if any) : NA
final
Name of JE/AAE : Deepak kumar

