ID :3570  Tumadiya Dam Bridge  __ __ __ __ __

on Chainage 0.250 of Tumadiya Dam road at Ramnagar.

In District Nanital Under CD Ramnagar Division

---

Bridge Inventory Report

Division: CD Ramnagar

Data not-yet finalized

General
Name of Division : 11
Revenue Block Name : 81
Chainage (at Mid Point) : 0.250
Road/ Segment Name : 2925
Bridge Type : Motor Bridge High Level
Structure No : 1/1
Feature Intersected : Kosi Feeder
Name of Bridge : Tumadiya Dam Bridge
Nearest Town : Maldhan Chor
Latitude (Northing) : 29.33823500
Longitude (Easting) : 78.94589000
Construction Year : 2023
Inventory Year : 2025
Work Code(s) : --
Geometric
Overall length (in meter) : 60.00
Total No of Span : 2
Maximuam Span (in meter) : 30.00
Span Arragment : 1X30+1X30
No of Lane : 1.500
Overall Width (m) : 10.000
Carriageway Width (m) : 5.500
RS Footpath Width (m) : 1.500
LS Footpath Width (m) : 1.500
Approch Width i/c Shoulders (m) : 7.000
Gradient (%age) : 0
Skew Angle (degree) : 0.00
Radius of Curve in Plan (if Any) : 0.00
Design Data
HFL Highest Flood Level : 251.000
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 : Mild

Seismic Importance factor : 1.0
Design Loading : Class A
Load Rating : Class A
Super-Structure
Superstructure Type : T-beam and slab
Superstructure Material : Composite
Wearing Coat Type : Cement Concrete
Expension Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Cast-in-situ concrete
Bearing type : POT PIN
Sub-Structure
Founding Strata : Soft clayey
Abutment Foundation Type : Well
Pier Foundation Type : Well
No of Piers : 1
Abutment Type : RCC Box type
Pier Type : RCC Solid
Protection Work
Bank Protection Left Side of Up-stream : Gabians in two rows provided in 120 m length
Bank Protection Right Side of Up-stream : Gabians in two rows provided in 120 m length
Bank Protection Left Side of Down-stream : Gabians in two rows provided in 54 m length
Bank Protection Right Side of Down-stream : Gabians in two rows provided in 54 m length
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 :

