ID :1240 48 meter span steel girger bridge at km 6 of Syasu Ratwari Nakot Kholi motor road

on Chainage 5.930 of Syansu Ratwari Nakotkholi Motor Road.

In District Tehri Under CD Chamba Division

Bridge Inventory Report

Division: CD Chamba

Data not-yet finalized

General
Name of Division : 46
Revenue Block Name : 25
Chainage (at Mid Point) : 5.930
Road/ Segment Name : 4058
Bridge Type : Motor Bridge High Level
Structure No : 6/4
Feature Intersected : Local Gadera
Name of Bridge : 48 meter span steel girger bridge at km 6 of Syasu Ratwari Nakot Kholi motor road
Nearest Town : Kansdisaur
Latitude (Northing) : 30.48035556
Longitude (Easting) : 78.36638889
Construction Year : 2020
Inventory Year : 2021
Work Code(s) : --
Geometric
Overall length (in meter) : 48.00
Total No of Span : 1
Maximuam Span (in meter) : 48.00
Span Arragment : 1x48
No of Lane : 1.500
Overall Width (m) : 8.400
Carriageway Width (m) : 5.500
RS Footpath Width (m) : 0.750
LS Footpath Width (m) : 0.750
Approch Width i/c Shoulders (m) : 8.400
Gradient (%age) : 1
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 : 0.0
Design Loading : Class 70R
Load Rating : Class 70R
Super-Structure
Superstructure Type : Truss
Superstructure Material : Steel
Wearing Coat Type : Cement Concrete
Expension 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 : Raft
Pier Foundation Type : NA
No of Piers : 0
Abutment Type : RCC counterfort 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 : Brijesh Rana

