



# **ESSEN FABRICATORS PVT. LTD.**

An ISO: 9001-2008 Company

Bailey Bridge | Bridge Grider

## Welcome to Essen Fabricators Private Limited

An ISO 9001:2008 certified company Essen Fabricators Private Limited is one of the fastest growing manufacturing company with presence in the market for the last 20 Years.

Decades of experience in the construction industry and with the continued vision to be a part of the infrastructural development of the country, we at "Essen Fabricators Private Limited" is committed to deliver quality products and services to meet the customers satisfaction.

Our product includes Bailey Bridges, Girder Bridges and Truss Bridges to manufacturing of tailor made steel structures and equipment's for Steel Plants, Refineries and Process Plants.

Our team of qualified professionals ensures completion of time bound projects maintaining highest quality standards as per international practice. Our strategic location of our manufacturing unit with a vicinity of ports ensures quick access to the export markets.

We look forward to meet your requirements and turning all your "dreams into reality"

## Awards & Accreditations

Golden Eagle for Prestige & Quality Europe, from ACTUALIDAD, Madrid, Spain

World Business Leader award at "The BIZZ" from World Confederation of Businesses, Orlando, USA

Indian Leadership Award for Industrial Development from All India Achievers Foundation





## Build-Up Girder Bridge

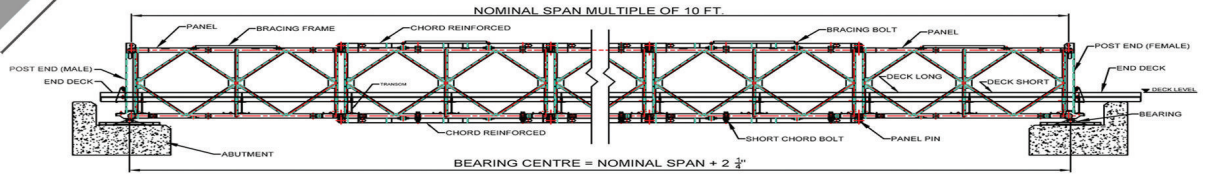
Catering to the major demands of the infrastructure sector we provide complete solution for Road Over Bridges, Fly Over Structures & Portable Type Foot Over Bridges through manufacturing of Steel Girders of various spans and load class. We have already made our presence felt in areas under sub-zero temperature by using special steels capable of withstanding severe weather conditions.

## Bailey Type Expandable Bridges

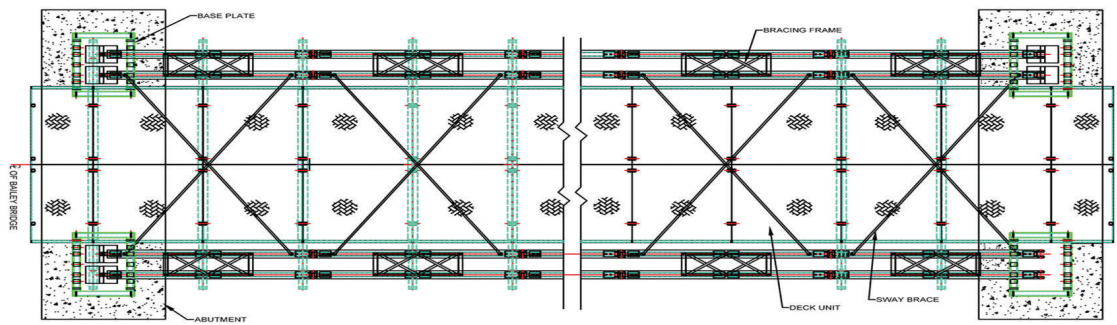
Essen Fabricators Private Limited has been awarded with the registration as an approved manufacturer of Bailey Bridges and its components of all load class and spans by the Ministry of Defence, Government of India. Entire design is based on the modular concept which are made of Panels of 3.048 Mtr. length and 1.448 Mtr. in height between pin holes centre and is made of high tensile steel. Maximum span of a single span bridge is 200 feet with steel decking. Road Width of the bridge are of 3.33 Mtrs and 4.25 Mtrs.

## Why Bailey Bridge

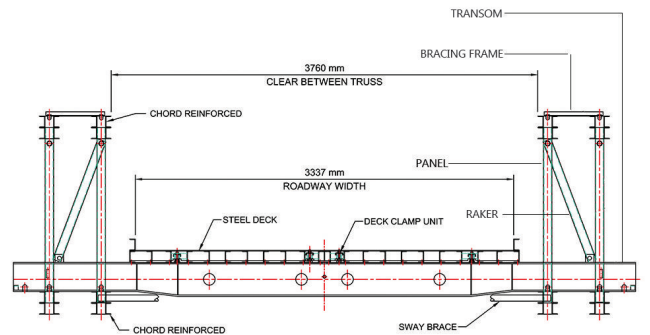
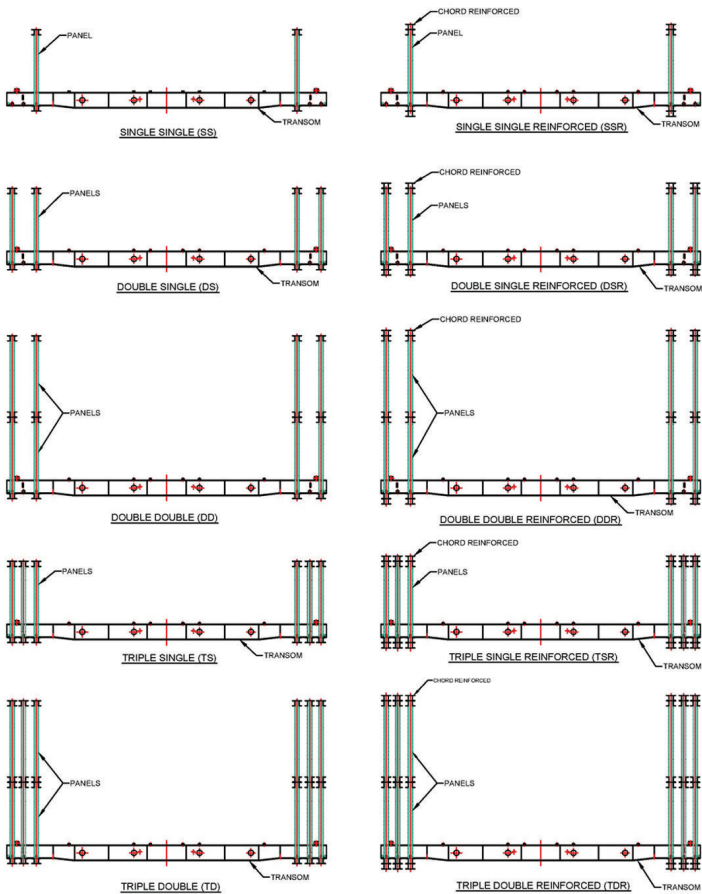
- It is modular in nature. Same bridge parts can be used to adopt various configurations of the bridge.
- All parts are interchangeable.
- All parts can be handled manually.
- Launching and de-launching of the bridge can be done in matter of days.
- Shortest construction period.
- Same bridge can be re-used in different locations based on demand and requirements.
- Life Span of the bridge is expected to be around 20 - 25 years under proper maintenance.



ELEVATION



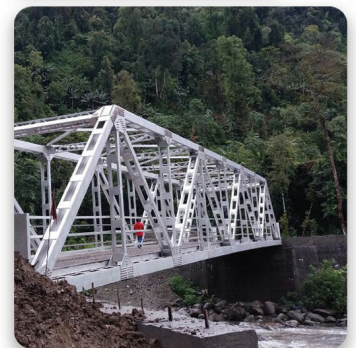
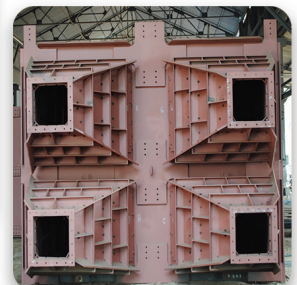
DOUBLE SINGLE REINFORCED CONSTRUCTION



CROSS SECTION OF STANDARD WIDE BAILEY TYPE EXPANDABLE BRIDGE DOUBL SINGLE REINFORCED CONSTRUCTION

## OUR PRODUCTS

- **Structures for Infrastructure Sector**
  - Bailey Type Expandable Bridge
  - Launching / Erection Tools for Bailey Type Expandable Bridge
  - Girder Bridge
  - Truss Bridge
  - Permanent & Portable Foot-over Bridge
  - Bus Shelter
- **Equipments for Process Industries**
  - All Kinds of Pressure Receiver as per International Codes
  - All Kinds of Flash Tanks of various design pressure
  - All kinds of Air Receiver
  - Storage Tanks for inflammable and non-inflammable products.
- **Equipments for Refineries**
  - Heavy Technological structures as per drawings
  - Flare Stack / Chimney for Heaters
  - External of Heaters along with necessary support structure for refineries
  - Galvanized Gratings
- **Equipments for Steel Plants**
  - Gas Mixer
  - Gas Holder and allied accessories
  - Stack / Chimney
  - Heavy Build-Up Girders and Technological Structures
  - Bag House and Support Structure
  - Spark Arrestors
  - Pre-separators
  - Ductings including Support Structures
- **Equipments for Hydro Power Sector**
  - Tunnel Gantries and Form Work
  - Tunnel Ribs



## CLIENTS

1. Dte. General Border Roads (DGBR)
2. Various Border Roads Organization Projects in India
3. Indian Railways (through E.P.C. contractors)
4. Dept. of Roads, Royal Govt. of Bhutan and its various Districts (Dzongkhags) under Ministry of Works and Human Settlement, Bhutan
5. Various Druk Holding Companies, under Royal Govt. of Bhutan
6. Hydro power Projects in India and Nepal
7. PMGSY Projects (through Civil Contractors)
8. Various State Public Works Department in INDIA
9. Various Refineries under IOCL and CPCL through LSTK contractors
10. Major Steel Plants under SAIL through its EPC contractors

## REGISTERED OFFICE

Hijli Co-operative Society, Prembazar, Kharagpur  
District: West Midnapore, West Bengal, India  
Pin Code : 721306  
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## CORPORATE OFFICE

Matrix Tower, Suite No. 103A, Block DN-24, Sector V  
Salt Lake City, Kolkata, West Bengal, India  
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Tel.: +91-33-40685191 / 5192 / 5193  
Mobile: +91 9830096794 / 9732518609

## WORKS

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Web: [www.essenfabricators.com](http://www.essenfabricators.com)

Note : Contents and Specifications mentioned may subject to changes  
/ modifications due to up-gradations without any prior intimation

