



Shital L. Narkhede

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BRIEF OVERVIEW

M.E. (Structure Engineering), Graduate of B. E. Civil offering total 5+ Years' experience in Design & Detailing of various structures, Bridge & Elevated Structures. Core competencies include strong knowledge of analysing & design softwares and activities in compliance with quality standards. A highly dynamic, team-spirited and result-oriented individual with strong desire to learn, contribute and make a difference.

PROFESSIONAL EXPERIENCE

Organisation: Larson & Toubro Pvt. Ltd.

Duration: 2nd January 2012 to till date.

Department: Engineering Design & Research centre-Infrastructures (EDRC)

Designation: Assistant Manager

- **ROLES & RESPONSIBILITIES:**

- In house detailed design and analysis of all type of structures.(Pile foundation, box structure, open foundation, RCC/PSC super structure, steel structure).
- Reviewing all structural drawings-Bar bending schedule according to codal specifications and design requirements.
- Proof checking and value engineering during the design phase of projects.
- Providing technical support to pre-bid activity for structures of highways and Airport.
- Co-ordination with site team during the construction phase of project.
- Co-ordination with consultant during design phase of projects.
- Preparations of submission status and ISO documentation.
- Co-ordination within the team members.
- Taking constant follow up from the consultant for the submissions of design and drawings.
- Submission of drawings and design to client.

- **ACHIEVEMENTS:**

- Project handled and responsibilities:
- **Bewar- Pali- Pindwara Road project :**
 1. Detailed design and drawing of box culverts and retaining walls.
 2. Checking of General arrangement drawing of abutment and pier of minor bridges, culverts.
 3. Co-ordination with site team, consultant and team members during construction phase of road project.
- **Delhi Agra Road project :**
 1. Checking of detailed design and drawing of substructure (pier, Pile foundation, Open foundation for VUP, Culverts, Flyover, Minor bridges.
 2. Checking of detailed design and drawing of Superstructure (PSC girder, RCC solid slab, RCC girder).

3. Calculation of cable forces, losses, resultant stresses of 46m span PSC box girder with one end stressing.
 4. Detailed design & drawing of pier, pile foundation for viaduct portion (26m-26m span).
 5. Design of abutment and pile foundation for ROB (33m span) in skew.
 6. Design of retaining wall, toe wall, curtain wall.
 7. Checking of General arrangement drawings of minor bridges, flyover, culverts, VUP.
 8. Co-ordination with site team and consultant and other team members during construction phase of road project.
- **Sewri Worli Elevated Corridor project & Rewa-Katni-Jabalpur Road project: (Pre-bid projects)-**
1. To support pre-bid activity which involves feasibility study, study of tender document, understanding Scope of work, study of schedule B, geotechnical reports.
 2. Preparation of Pre-Bid queries for the Pre-Bid Engineering.
 3. To check quantities of structures and optimization to the best possible.
 4. Checking of design and drawing of superstructure, substructure & foundation.

Organisation: S. N. Bhole Pvt. Ltd.

Duration: 22nd June 2009 to 15th December 2011

Department: Design

Designation: Assistant Manager

• **ROLES & RESPONSIBILITIES:**

- In house detailed design and analysis of structures. (Pile foundation, open foundation, box structure, RCC/PSC super structure, steel structure).
- Reviewing all structural drawings-Bar bending schedule according to codal specifications and design requirements.
- Proof checking and value engineering during the design phase of projects.
- Providing technical support to pre-bid activity for structures.
- Co-ordination with site team during the construction phase of project.
- Preparations of submission status and ISO documentation.
- Co-ordination within the team members.

• **ACHIEVEMENTS:**

Project handled and responsibilities:

- **North Kasheli river bridge project :**
 1. Design and drawings of superstructure which includes through type steel truss of 67.5m span as per IRC codes & Deck slab.
- **Flyover at Coimbatore:**
 1. Detailed design and drawing of substructure- Piercap, Open foundation for 40M and 20M span arrangement for tender purpose.
- **Construction of Flyover at Sion- Panvel :**
 1. Preparation of General arrangement drawings.
 2. Design of substructure including pier, pier cap, open foundation & Pile foundation.

➤ **Jogeshwari flyover: North- South :**

1. Design and drawing of substructure- RCC Portal piers.
2. Design and drawing of Pile foundation.
3. Design and drawing of RCC solid slab.
4. Co-ordination with site team and timely delivery of drawings on site for construction.

➤ **Proposed river bridge at Tapi-Utran (Surat)**

1. Analysis and design of superstructure PSC I-girder cross girders & supporting beams for utility pipes, RCC deck slab).
2. Preparation and checking drawings for PSC I girders and structural components.

Other : Design RCC piers, Abutment as per Railway standards, Design of Launching Truss, PCC return wall ,Design of pedestal and lifting scheme for Bridge for bearing replacement..

CURRICULAR ACHIEVEMENTS

- Qualified GATE 2007(Civil) with an 83 percentile.
- Worked as an teaching assistantship for Engineering Mechanics subject for Six months in Sardar Patel College of Engineering, during M.E academic year 2008- 09.
- Successful organization of technical festival (ACES) at intercollegiate level.
- Underwent Staad-Pro software training program by Bentley & Midas software.

KEY SKILLS

- STAAD Pro, MIDAS, AUTOCAD, MS Office Suite (Excel, Word, PowerPoint, Outlook)
- Proficiency in various IS & IRC codes IRC:6-2010, IRC:21-2000, IRC:78-2000, IRC:18-2000.
- Undertaken implementing IRC:112-2014.

ACADEMIC CREDENTIALS

Examination	University	Institute	Percentage
M.E. (Structures) (Year-2009)	Mumbai University.	Sardar Patel College of Engg, Andheri	70.00%
B.E (Civil) (Year-2007)	Mumbai University.	Datta Meghe college of Engg., Navi Mumbai	67.37%

- ✓ Completed H.S.C. from Maharashtra Board in year 2002 with 68.67%
- ✓ Completed S.S.C from Maharashtra Board in year 2000 scored 73.86%.

PERSONAL DETAILS

Name : Shital Lokesh Narkhede
Date of birth : 27 March, 1985
Permanent Address : 13-B Bhawani society, Kalwa,Thane
Marital status : Married
Interests & Hobbies : Dancing, Interacting with People, Travelling.
Languages known : English, Hindi, Marathi.

Shital L. Narkhede