

# Emilio Nguyen

## Construction Inspector 1, Transportation Construction

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### SUMMARY

Early career construction inspection candidate prepared to support **transportation infrastructure** projects across Broussard, **St. Martin Parish**, and Lafayette. Academic and supervised field experience includes observing roadway construction, documenting site conditions, checking work against drawings and specifications, recording quantities, and organizing inspection records for review. Training covers construction materials, surveying fundamentals, transportation systems, jobsite safety, field measurements, **daily inspection reports**, and technical documentation. Capstone and university field work included daily notes, photographs, sketches, location references, discrepancy tracking, and closeout documentation. Clear communication with instructors and project teammates supported timely review of field information and follow up items. Ready to bring dependable field observation, accurate records, and practical support for engineering and operations teams at **Bayou Ridge Infrastructure Services**.

### EDUCATION

#### Associate of Applied Science in Civil Engineering Technology

South Louisiana Community College 🎓 GPA: 3.5 📅 2026 📍 Lafayette, LA

**Coursework:** *Construction materials, surveying fundamentals, transportation systems, field inspection documentation*

### TECHNICAL SKILLS

- **Inspection Documentation:** Daily inspection reports, field notes, inspection checklists
- **Construction Drawings:** Plan sheets, project drawings, specifications
- **Field Measurement:** Dimensions, elevations, location references
- **Quantity Tracking:** Measured quantities, quantity records, reconciliation
- **Surveying Fundamentals:** Roadway layout, basic surveying, field measurement
- **Construction Materials:** Material identification, test observations, acceptance criteria
- **Transportation Infrastructure:** Roadway construction, drainage features, construction sequencing
- **Technical Records:** Photographs, annotated sketches, closeout packages
- **Safety Training:** OSHA 10 Hour Construction Safety, personal protective equipment, jobsite safety
- **Office Software:** Microsoft Office, Word, Excel

### SKILLS

- |                               |                            |                          |                           |
|-------------------------------|----------------------------|--------------------------|---------------------------|
| • Construction inspection     | • Construction drawings    | • Quantity tracking      | • Technical documentation |
| • Transportation construction | • Specifications           | • Surveying fundamentals | • Jobsite safety          |
| • Roadway construction        | • Daily inspection reports | • Construction materials | • Microsoft Office        |
| • Field documentation         | • Field measurements       | • Site observations      |                           |

### EXPERIENCE

#### Construction Inspection Capstone Student

Academic Research 📅 January 2026 - May 2026 📍 Lafayette, LA

Completed supervised roadway inspection work covering site review, plan checks, field observations, daily records, discrepancy tracking, and final reporting for simulated public infrastructure.

- Reviewed roadway drawings and **specifications** before field exercises, creating checklists for consistent **site observations**.
- Recorded dimensions, materials, weather, quantities, and conditions in daily inspection notes for instructor review.
- Compared **field measurements** with **plan requirements**, documenting discrepancies through photographs, sketches, and location references.
- Organized field notes, **photographs**, and findings into a traceable inspection package supporting project closeout review.
- Presented inspection methods and follow up recommendations to faculty and classmates during final capstone briefing.

#### Construction Materials and Field Inspection Student

Student Lab 📅 August 2025 - December 2025 📍 Lafayette, LA

Completed supervised laboratory and outdoor field exercises involving roadway materials, measurements, acceptance checks, safety procedures, and organized technical records.

- Identified roadway material samples and recorded test observations, measurements, and results on standardized laboratory forms.
- Checked simulated construction conditions against specifications, flagging results outside acceptance criteria for instructor evaluation.
- Used basic surveying practices to verify dimensions, elevations, and locations during **field inspection** exercises.

- Maintained photographs, calculations, test data, and written observations for clear technical review across laboratory activities.
- Applied required personal protective equipment and **jobsite safety** procedures during outdoor construction exercises.

## Transportation Construction Field Documentation Student

University Project 📅 January 2025 - May 2025 📍 Lafayette, LA

Supported a supervised university transportation project through roadway layout documentation, drainage observations, **quantity tracking**, plan interpretation, and progress reporting.

- Interpreted plan sheets and prepared field forms for roadway layout, drainage features, and inspection points.
- Conducted supervised **site observations**, translating field notes into concise **construction progress** summaries for faculty review.
- Tracked measured quantities and reconciled handwritten observations with consolidated project documentation for consistent records.
- Documented changing **site conditions** through annotated **sketches** and photographs, preserving references for plan comparison.
- Delivered a final briefing connecting construction sequence, field observations, documentation quality, and inspection follow up.

## PROJECTS

### Roadway Inspection Documentation Package 📅 2026

Created a complete simulated inspection record from initial plan review through final closeout findings. Organized daily notes, measurements, photographs, sketches, quantities, and discrepancy references so reviewers could trace field evidence clearly.

### Transportation Field Measurement Study 📅 2025

Applied surveying fundamentals during supervised roadway and drainage exercises. Recorded dimensions, elevations, locations, and site conditions, then compared observations with provided drawings and specifications.

## LEADERSHIP & AWARDS

- Dean's List, Spring 2026
- Outstanding Civil Engineering Technology Capstone Recognition, 2026
- Peer Study Group Coordinator, Civil Engineering Technology Program, 2025 - 2026

## CERTIFICATIONS

- OSHA 10 Hour Construction Safety 📅 2026
- Construction Inspection Field Safety Training 📅 2026

## PROFESSIONAL AFFILIATIONS

- Student Volunteer, Campus Infrastructure Service Day, 2025
- Civil Engineering Technology Student Study Group, 2025 - 2026

## LANGUAGES

- English (Native)
- Vietnamese (Proficient)

## ADDITIONAL INFORMATION

**Work Status** : Authorized to work in United States. No sponsorship required.

## REFERENCES

AVAILABLE ON REQUEST