

EMILIO NGUYEN

CONSTRUCTION INSPECTOR 1, TRANSPORTATION CONSTRUCTION

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STRENGTHS

- 👁 **Field observation**
During roadway exercises, careful site observations helped surface condition differences early and gave instructors clear review points.
- ♥ **Inspection records**
Daily notes, photographs, and location references were organized into records that reviewers could follow without guesswork.
- 🔍 **Plan comparison**
Comparing measurements with drawings made discrepancies easier to explain, and teammates relied on those checks during review.
- 🚧 **Safety awareness**
Outdoor exercises followed required protective equipment and safety procedures, keeping field work orderly and ready for inspection.
- 🗣 **Team communication**
Capstone presentations turned technical observations into practical follow up, helping classmates and faculty discuss next steps.

SKILLS

Construction inspection

Transportation construction

Roadway construction

Field documentation

Construction drawings

Specifications

Daily inspection reports

Field measurements

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

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.

Quantity tracking

Surveying fundamentals

Construction materials

Site observations

Technical documentation

Jobsite safety

Microsoft Office

LANGUAGES

English Native

Vietnamese Proficient

MY CAREER



● Construction Inspection Capstone Student at Academic Research (4 Months)

● Construction Materials and Field Inspection Student at Student Lab (4 Months)

● Transportation Construction Field Documentation Student at University Project (4 Months)

- 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

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST