

Bennett Houston

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SUMMARY

Civil engineering student preparing for **municipal infrastructure** work through supervised internship, university planning, and transportation design experience. Field assignments have built practical exposure to observations, pavement and drainage conditions, curb and sidewalk assessment, stormwater concepts, traffic, resurfacing, multimodal planning, **construction administration**, and inspection documentation. Experience includes maintaining **project tracking** databases, organizing capital needs records, preparing Excel summaries, and supporting engineer review with traceable plans, photographs, and field notes. University projects strengthened skills in prioritization, drainage analysis, plan interpretation, accessibility, and public infrastructure sequencing. Clear written and verbal communication supports effective participation in staff meetings, public meetings, and technical presentations. Organized work habits support multiple assignments and deadlines. This foundation can contribute useful field insight, accurate project records, and dependable support across municipal **capital improvement** activities.

EDUCATION

Bachelor's Degree in Civil Engineering

2027

Purdue University Fort Wayne GPA: 0

Fort Wayne, IN

***Coursework:** Municipal infrastructure, stormwater analysis, transportation design, construction administration*

TECHNICAL SKILLS

- **Microsoft Office:** Microsoft Excel, Microsoft Word, Microsoft PowerPoint
- **Project Databases:** Capital needs inventory, project tracking databases, prioritization records
- **Field Inspection:** Field observations, site walks, inspection documentation
- **Municipal Infrastructure:** Stormwater, traffic, resurfacing
- **Transportation Design:** Multimodal planning, roadway conditions, accessibility
- **Construction Administration:** Submittal tracking, meeting notes, inspection records
- **Civil Documentation:** Plan sheets, project photographs, technical memoranda
- **Capital Improvement Planning:** Needs assessment, asset prioritization, project sequencing
- **Communication Platforms:** Staff meetings, public meetings, technical presentations
- **Safety Credentials:** OSHA 10 Hour Construction Safety, construction safety, field safety

SKILLS

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|-----------------------|------------------------|-------------------------------|---------------------------|
| • Field observations | • Resurfacing projects | • Construction administration | • Microsoft PowerPoint |
| • Project tracking | • Curb assessment | • Database work | • Technical documentation |
| • Stormwater concepts | • Sidewalk assessment | • Microsoft Excel | • Capital prioritization |
| • Traffic planning | • Multimodal planning | • Microsoft Word | |

EXPERIENCE

Civil Engineering Intern, Municipal Infrastructure

May 2026 - August 2026

Midwest Civil Solutions Internship

Fort Wayne, IN

Supervised civil engineering internship supporting roadway, drainage, site development, inspection documentation, **project tracking**, and construction administration. Organized technical records for engineer review, completed **field observations**, and prepared concise materials that improved visibility into active assignments and project needs.

- Organized roadway field notes, plan sheets, photographs, and inspection observations for engineer review.
- Updated Excel logs for 14 municipal assignments, clarifying open records and upcoming field checks.
- Recorded pavement, **curb**, **sidewalk**, and drainage conditions during supervised site walks with engineering staff.
- Reconciled draft quantities and condition summaries against marked plans before technical review.
- Maintained submittal status, meeting notes, and **inspection** records for current **construction administration** files.
- Prepared Word and PowerPoint summaries linking field findings with design considerations for project discussions.

Civil Engineering Student, Capital Improvement Planning

January 2026 - May 2026

University Project

Fort Wayne, IN

Academic project applied municipal capital improvement methods to a simulated corridor. Built a needs inventory, prioritized observed assets, connected field research with mapped records, and presented phased recommendations that considered infrastructure condition, public impact, and implementation tradeoffs.

- Built a capital **needs inventory** using pavement, sidewalk, drainage, **traffic**, and accessibility observations.
- Structured an Excel workbook covering 38 assets, conditions, urgency, dependencies, and improvement categories.
- Linked supervised corridor observations with maps and photographs for traceable project **research** records.
- Evaluated **stormwater**, resurfacing, curb, sidewalk, traffic, and multimodal elements within phased **planning**.
- Prepared a memorandum covering needs, assumptions, constraints, and sequencing for preliminary capital planning.
- Presented recommendations to faculty and classmates, answering questions about public impacts and **prioritization**.

Transportation Design Student, Multimodal Corridor

September 2025 - December 2025

Student Lab

Fort Wayne, IN

Supervised transportation design lab focused on corridor conditions, pedestrian and bicycle movement, vehicle access, transit coordination, and presentation of alternatives. Maintained organized project records while translating field research into clear exhibits and design narratives.

- Developed a corridor concept addressing pedestrian, bicycle, vehicle, and transit movement patterns.
- Organized **field observations** and public data in Excel for alternatives evaluation.
- Compared intersection and sidewalk conditions against course criteria, recording locations needing investigation.
- Produced plan view exhibits explaining coordinated **resurfacing**, curb, sidewalk, and multimodal improvements.
- Maintained versioned files and decision logs so revisions and faculty feedback stayed traceable.
- Presented final design narrative to 24 classmates and incorporated reviewer questions into revisions.

PROJECTS

Municipal Corridor Needs Inventory 📅 May 2026

Created a simulated capital improvement inventory for a municipal corridor, connecting field observations, asset conditions, prioritization logic, project photographs, and phased recommendations for public infrastructure planning.

Multimodal Transportation Corridor Concept 📅 December 2025

Developed a supervised corridor concept that connected pedestrian, bicycle, vehicle, and transit needs with coordinated sidewalk, curb, resurfacing, and traffic improvements.

LEADERSHIP & AWARDS

- Dean's List, Spring 2026
- Engineering Student Project Showcase Honorable Mention, 2026
- Academic Merit Scholarship, 2025 to 2026

CERTIFICATIONS

- OSHA 10 Hour Construction Safety 📅 2026
- Microsoft Office Specialist Excel Associate 📅 2025

PROFESSIONAL AFFILIATIONS

- American Society of Civil Engineers Student Chapter, Project Team Member
- Campus Sustainability Service Day, Volunteer Team Lead
- Peer Engineering Study Group, Facilitator

LANGUAGES

- English (Native)
- Spanish (Beginner)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST