



AMERICAN CONSULTING ENGINEERS

8615 Gravois Rd, Saint Louis, Missouri 63123
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DESIGN PROPOSAL

Project: Carondelet Park Traffic Calming Improvements

Client: Holly Hills Special Business District

Date: 06/08/2026

1. PROJECT OVERVIEW

American Consulting Engineers, Inc. (ACE) is pleased to provide this proposal for professional engineering services for the traffic calming design improvements at Carondelet Park, St. Louis, MO.

Based on the provided concept materials, the project includes improvements such as:

- Concrete channelization islands ("pork chop" islands)
- Traffic circles and intersection modifications
- Pedestrian refuge islands and crosswalk enhancements
- Speed humps and signage improvements

These improvements aim to address traffic safety concerns, reckless driving, and pedestrian conflicts within the park.

2. SCOPE OF SERVICES

2.1 Existing Conditions Evaluation

- Review available planning documents and concept recommendations.
- Conduct site visits and field observations.
- Review existing roadway geometry, sidewalks, drainage facilities, and traffic control devices.
- Coordinate with project stakeholders and City agencies as required.

2.2 Topographic Survey Coordination

- Coordinate topographic survey services by a licensed Missouri land surveyor.
- Survey limited to proposed improvement areas, intersections, traffic circles, pedestrian crossings, and roadway segments associated with the project.
- Preparation of survey base files for engineering design.

2.3 Preliminary Engineering and Concept Development

- Review traffic calming recommendations.
- Develop preliminary design concepts and layouts.
- Evaluate geometric feasibility of proposed improvements.
- Prepare exhibits for owner review and project coordination meetings.
- Attend up to two stakeholder coordination meetings.

2.4 Civil Engineering Design

- Design of traffic calming circles.
- Design of channelization islands ("Pork Chop" islands).
- Design of pedestrian refuge islands.
- Design of speed humps.
- Design of bump-outs.
- Design of sidewalk and ADA accessibility improvements.
- Pavement marking plans.

- Traffic signage plans.
- Utility and drainage conflict review.
- Grading modifications as required.

2.5 Construction Documents

Preparation of permit-ready construction documents including:

- Existing conditions plans.
- Demolition plans.
- Site layout plans.
- Grading and drainage plans.
- Pavement marking plans.
- Signage plans.
- Construction details.
- Technical specifications.
- Engineer's Opinion of Probable Construction Cost.
- Missouri Professional Engineer seal.

2.6 Agency Coordination

- Coordination with the City of St. Louis.
- Coordination with the Board of Public Service (BPS) and other agencies as required.
- Response to review comments.
- Up to three review cycles and associated plan revisions.

3. FEE PROPOSAL

Service	Fee
Existing Conditions Evaluation	\$8,500
Survey Coordination (Subconsultant)	\$24,000
Preliminary Engineering & Concept Development	\$10,000
Civil Engineering Design	\$24,000
Construction Documents	\$8,000
Agency Coordination & Review Responses	\$4,000
TOTAL LUMP SUM FEE	\$78,500

Payment Terms:

- 40% due upon authorization to proceed.
- 40% due upon completion of construction documents.
- 20% due upon final agency approval.

4. SCHEDULE

- Survey and Existing Conditions: 5–8 weeks
- Preliminary Engineering: 3–6 weeks
- Design and Construction Documents: 8–12 weeks
- Agency Review and Revisions: 2–8 weeks

Estimated Total Duration: 18–34 weeks, depending on agency review timelines.

5. DELIVERABLES:

- Signed and sealed construction drawings.
- PDF construction plan set.
- Permit submission package.

6. **EXCLUSIONS:**

The following services are **not included** and **explicitly exclude** responsibility for the following:

- Traffic impact studies and traffic counts.
- Traffic signal design.
- Geotechnical engineering services.
- Environmental assessments.
- Utility relocation design.
- Right-of-way acquisition.
- Construction administration and full-time site observation.
- Bidding services.
- Construction means, methods, sequencing, scheduling, and site safety.
- Services not specifically identified in this proposal.
- Delays related to permitting, agency review, or approvals.
- Construction means, methods, sequencing, scheduling, or job-site safety.
- Permit fees, review fees, cost estimating, bidding, or value engineering
- Any services not specifically described in the **Scope of Work** section.

Thank you for the opportunity to assist with this project. Please confirm acceptance or advise if any modifications are needed. Upon approval, this proposal shall serve as our agreement, and we will commence work promptly.

Sincerely,



Don Huynh, MSE, PE

American Consulting Engineers

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Client approval

Name: _____

Signature: _____

Date: _____