

**PRE-MEETING AGENDA
MOUNTAIN BROOK CITY COUNCIL**

**CITY HALL COUNCIL CHAMBER (A108)
56 CHURCH STREET
MOUNTAIN BROOK, AL 35213**

NOVEMBER 28, 2022, 6:15 P.M.

As a matter of convenience, members of the public are invited to listen, observe and participate in public meetings by Internet video conference. Presenters and others interested in a particular matter for discussion are encouraged to attend the meeting in-person. The City is not responsible for technical issues that may occur that interfere with the virtual meeting. The City Council, at its sole discretion, may proceed with its in-person business meeting regardless of whether virtual attendees can hear and/or observe the proceedings. The City intends to make the meeting available by way of the Zoom app (re: Meeting ID 801-559-1126, password 11282022)

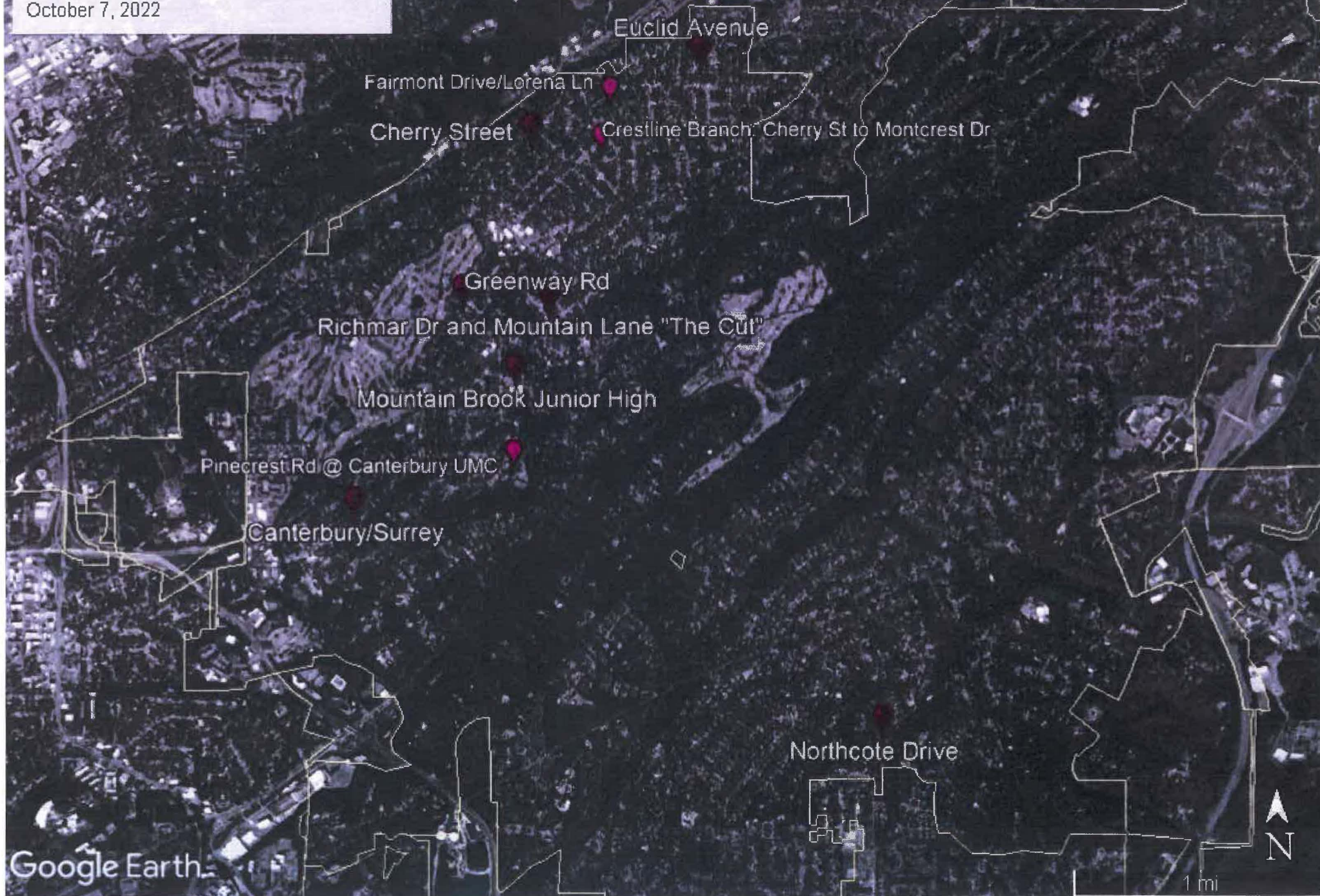
1. Drainage Projects update-Schoel Engineering
2. Design of flashing signal on Old Leeds Road at Cherokee Road-Richard Caudle at Skipper Consultants
3. Executive Session

**Update on Projects – Flooding/Drainage Issues
November 22, 2022**

1. **900 block of Euclid Avenue** - Plans complete – working on bid docs
2. **Richmar "The Cut"**
Preliminary plan complete – Ready to discuss with City
3. **3669 Northcote Under Construction**
4. **Junior High Drainage** – Construction under Contract
5. **Pinecrest Road at Canterbury Methodist**
Design complete, Working on Bid Docs
6. **Cherry Street Drainage**
Design 90% complete – Completing design and developing Bid Docs
7. **Canterbury/Surrey Road Drainage Improvements** – Field Surveying complete.
Working on alternate design as previously presented to the City
8. **Surrey Road** – as above
9. **Fairmont Drive/Lorena Lane** – Surveying underway.
10. **Crestline Branch from Cherry Street to Montcrest Drive** – Preliminary
scheme and cost estimate has been presented to the City. Awaiting direction.
11. **Ordinance and Regulations.** Basin base map in progress. Prioritization of
basins almost complete.

City of Mountain Brook

Drainage Projects
October 7, 2022



PROFESSIONAL SERVICES AGREEMENT
Between
The City of Mountain Brook and Skipper Consulting, Inc.

This Agreement is made by and between **the City of Mountain Brook, Alabama ("Client")**, doing business at 56 Church Street, Mountain Brook, Alabama 35213 and, **Skipper Consulting, Inc. ("Consultant")**, doing business at 3644 Vann Road, Suite 100, Birmingham, Alabama 35235.

WHEREAS, the Client requests that the Consultant perform professional traffic engineering services related to a traffic control device design for an approaching traffic warning sign system at the intersection of Old Leeds Road at Cherokee Road in the City of Mountain Brook (the "Project" or "Services");

WHEREAS, the parties intend that the Consultant be authorized to start work on the services outlined in this agreement upon execution of this Agreement, and

WHEREAS, the Client and Consultant agree that the Services be performed pursuant to the terms of this Agreement, together with the attached Exhibit A and the Addendum related hereto, which writings constitute the entire agreement between them relating to this assignment.

1. PROFESSIONAL SERVICES: The Consultant agrees to perform the following Services under this Agreement:

SEE SCOPE OF WORK SET FORTH ON EXHIBIT "A"

The Consultant agrees to perform its Services in a manner that is consistent with professional skill and care that would be provided by other professionals in its industry under same or similar conditions, and in the orderly progress of the Project.

2. CLIENT'S RESPONSIBILITIES: Client, at its expense, will provide the Consultant with all required site information, existing plans, reports, studies, project schedules and similar information that is contained in its files. The Consultant may rely on the information provided by the Client without verification.

The Client will designate a representative who shall have the authority to act on behalf of the Client for this project.

The Client shall participate with the Consultant by providing all information and criteria in a timely manner, review documents and make decisions on project alternatives to the extent necessary to allow the Consultant to perform the scope of work within established schedules.

3. COMPENSATION/ BILLING/ PAYMENT: Skipper Consulting Inc. will undertake and perform the work and Services outlined in Exhibit "A" for a fixed fee (inclusive of all expenses) for a fixed fee in the following amounts:

Traffic Study	\$ 2,000.00
Flashing Warning Beacon Design	<u>\$ 4,500.00</u>
Total	\$ 6,500.00

The CLIENT will bill for its Services monthly based on the work completed during the billing period. Invoices for uncontested amounts are payable within 30 days from the receipt by the Client, and such payment shall not be contingent or dependent upon any conditions or any action or undertaking of the Client other than those conditions, if any, specifically set forth in this Agreement.

If complications or other unforeseen factors cause a change in the scope of Work outlined in Exhibit "A", the Consultant will notify the Client in writing of the changes and any adjustments to the fee required by such change. If the Client wishes to undertake tasks that are identified as being outside the proposed scope of services, the Consultant will submit a proposal for the additional work. No additional work or services other than those contemplated herein shall be performed without the written approval of the Client.

If for any reason, payment for uncontested amounts reflected on invoices is more than 30 days delinquent, the Consultant shall have the right to stop work on the assignment until such payment is made. The Consultant will not be liable for any delays to project schedules caused for such work stoppage.

4. STANDARD TERMS AND CONDITIONS

The Client shall have final right of review and approval of all plans and specifications that shall be delivered in connection with the performance of the Services; however, review and approval shall not be withheld unreasonably.

The rights and obligations of the parties to this Agreement may not be assigned or transferred to any other person, firm, corporation, or other entity without the prior, express, and written consent of the other party.

Either party may terminate this Agreement upon 10 days' written notice to the other party should the defaulting party substantially fail to perform any or its material responsibilities in the Agreement through no fault of the party desiring to terminate. In the event of termination of this Agreement, due to the fault of a person or party other than the Consultant, Consultant shall be paid for Services performed to termination date.

The Consultant agrees to furnish consulting services only related to the Project. Consultant shall be responsible for coordination of its work with that of Client.

This Agreement (including Exhibit A and the Addendum) shall constitute the entire agreement between the parties concerning the matters herein, and any prior understanding or representation of any kind preceding the date of this agreement shall not be binding upon either party except to the extent incorporated into this Agreement.

Any modification or amendment of this Agreement shall be binding only if placed in writing and signed by each party or an authorized representative of each party.

This agreement shall be governed by, construed, and enforced in accordance with the laws of the State of Alabama.

The failure of either party to this agreement to insist upon the performance of any of the terms and conditions of this agreement, or the waiver of any breach of any of the terms and conditions of this agreement, shall not be construed as thereafter waiving any such terms and conditions but the same shall continue and remain in full force and effect as if no such forbearance or waiver had occurred.

The invalidity of any portion of this Agreement will not and shall not be deemed to affect the validity of any other provision. In the event that any provision of this agreement is held to be invalid, the parties agree that the remaining provisions shall be deemed to be in full force and effect.

Neither party to this Agreement shall be liable to the other for any loss, cost, or damages, arising out from or resulting from, any failure to perform in accordance with its terms where the causes of such failure shall occur due to events beyond a party's reasonable control, include, but not limited to, the following: acts of God, strikes, lockouts, or other industrial disturbances, wars, whether declared or undeclared, blockades,

insurrections, riots, governmental action, explosions, fire, floods, or any other cause not within the reasonable control of either party.

Consultant shall secure and maintain such insurance as is reflected on the Addendum.

Client shall provide Consultant access to the Project site necessary for the Consultant to provide the services outlined.

The Client's reuse of any report, documents or other deliverables prepared by the Consultant for the Project on any other project without written verification by the Consultant shall be at the Client's risk.

The persons signing this Agreement warrant that they have the authority to sign on behalf of the Client and Consultant.

CLIENT: CITY OF MOUNTAIN BROOK, AL

CONSULTANT: SKIPPER CONSULTING INC.

By: _____

By: Richard L. Caudle

Printed Name: _____

Printed Name: Richard L. Caudle, P.E.

Title: _____

Title: Senior Traffic Engineer

Date: _____

Date: November 16, 2022

EXHIBIT "A"
SCOPE OF WORK

The Consultant shall perform the following scope of work in relation to preparing a traffic control device design for an approaching traffic warning beacon system for the intersection of Old Leeds Road at Cherokee Road in the City of Mountain Brook.

Traffic Study

The Consultant will undertake a traffic study at the intersection of Old Leeds at Cherokee Road to obtain data needed for design of the warning beacon system. This shall include:

- conducting a twenty four hour machine traffic count on Old Leeds Road to the west of the intersection of Cherokee Road, including speed
- determine the speed range of traffic for setting the correct detection setback and number of seconds for the warning beacons to flash
- request and review crash data for the intersection for the previous five years to determine if there are specific crash patterns which need to be taken into account in the system design
- measure available sight distances

Flashing Warning Beacon Design

The Consultant will prepare design plans for construction of an approaching traffic warning beacon system with vehicular loop actuation. It is anticipated that construction efforts would be less than \$50,000, and thus could be performed under Public Works bid law. The Consultant will assist the City in selection of a contractor, reviewing equipment submittals, coordinating any required power service with the City and APCO, and performing an inspection of contractor work.

Schedule

The Consultant will perform the scope of work described above, up to and including issuing a design for contractor pricing, within a period of six (6) weeks from notice to proceed, barring unforeseen circumstances outside of the control of the Consultant.

ADDENDUM TO PROFESSIONAL SERVICES AGREEMENT BETWEEN THE CITY OF MOUNTAIN BROOK AND SKIPPER CONSULTING, INC. – TRAFFIC ENGINEERING SERVICES (Old Leeds Road at Cherokee Road Warning Beacon)

THIS ADDENDUM TO PROFESSIONAL SERVICES AGREEMENT (“the/this Addendum”) between the City of Mountain Brook, Alabama (“the City”) and Skipper Consulting, Inc. (“the Contractor”) is entered between the parties.

This Addendum is a part of the Professional Services Agreement between the parties (the “Agreement”) concerning the work, services or project described in the Agreement. In the event of any conflict between the terms and provisions of this Addendum and the Agreement, the terms herein supersede and control any conflicting or inconsistent terms or provisions, particularly to the extent the conflicting or inconsistent terms or provisions in the Agreement purport either to (a) confer greater rights or remedies on the Contractor than are provided herein or under otherwise applicable law, or to (b) reduce, restrict, or eliminate rights or remedies that would be available to the City under otherwise applicable law. The Addendum shall remain in full force and effect with respect to any amendment, extension, or supplement of or to the principal Agreement, whether or not expressly acknowledged or incorporated therein. No agent, employee, or representative of the City is authorized to waive, modify, or suspend the operation of the Addendum or any of its terms or provisions without the express approval of the Mountain Brook City Council.

1. *Definitions.* For purposes of this Addendum, the terms below have the following meanings:

- A. “*The City*” refers to and includes the City of Mountain Brook, Alabama, and its constituent departments, boards, and agencies. The City may also be referenced in the Agreement as the “Client.”
- B. “*The (this) Agreement*” refers to the principal contract, agreement, proposal, quotation, or other document that sets forth the basic terms and conditions under which the Contractor is engaged to provide goods, materials, or services to the City, including the payment or other consideration to be provided by the City in exchange therefor.
- C. “*The Contractor*” refers to the person, firm, or other legal entity that enters the Agreement with the City to provide goods, materials, or services to the City, and includes vendors and suppliers providing goods, materials, and services to the City with or without a formal contract as well as the Contractor’s vendors, suppliers, and subcontractors. The Contractor may also be referenced in the Agreement as the “Consultant.”

2. *Dispute Resolution.* If a disagreement, claim, issue or disagreement arises between the parties with respect to the performance of this Agreement or the failure of a Party to perform their respective rights or obligations hereunder (a “Dispute”), the parties will use reasonable efforts to resolve any Dispute at the designated representative level. If the parties are unable to amicably resolve any Dispute at that level, each agree to escalate that matter to senior managers or senior officials for consideration by and potential resolution by them. If the Dispute is not resolved at the senior level, the dispute resolution mechanism shall be litigation in a court with competent jurisdiction that is located in Jefferson County, Alabama.

3. *Attorney's Fees; Court Costs; Litigation Expenses.* The City shall not be liable for attorney's fees, court costs, litigation expenses, and like charges except and to the extent such fees, costs, and charges would be assessed against the City under applicable law in the absence of any contractual provision imposing or assigning liability therefor.

4. *Late Payment Charges; Fees; Interest.* The City shall not be liable for any late payment charges, interest, or fees on any delinquent bill for goods, materials, or services, and bills rendered to the City shall not be considered delinquent any earlier than thirty (30) days after rendition of a complete and accurate bill by the Contractor. Contested bills shall not be considered delinquent pending resolution of the dispute.

5. *Indemnification; Hold-Harmless; Release; Waiver; Limitations of Liability or Remedies.* The City shall not and does not indemnify, hold harmless, or release the Contractor or any other person, firm, or legal entity for, from, or with respect to any claim, cause of action, cost, charge, fee, expense, or liability whatsoever arising out of or relating to the subject matter of the Agreement or the performance or nonperformance thereof; nor shall or does the City waive its right to assert or pursue any remedy or claim for relief of any kind that it may have against the Contractor or any other person, firm, or entity for any actual or alleged default or other breach of legal duty on the part of the Contractor or any person, firm, or entity in privity therewith or acting on Contractor's behalf. Any limitation or restriction regarding the type, nature, form, amount, or extent of any right, remedy, relief, or recovery that would otherwise be available to the City is expressly disavowed, excluded from the terms of the agreement, and void.

6. *Choice of Law; Choice of Venue or Forum.* The meaning, legal effect, and enforcement of terms and provisions of the Agreement and the resolution of any disputes arising thereunder or relating thereto shall be governed by the laws of the State of Alabama except to the extent otherwise required by applicable conflict-of-law principles. The venue of any suit, action, or legal proceeding brought to enforce or secure relief by reason of any asserted breach of duty arising out of or relating to the performance or nonperformance of the Agreement shall be Jefferson County, Alabama except to the extent otherwise required by applicable principles of law.

7. *Construction of Addendum.* Nothing in this Addendum shall be construed to create or impose any duty or liability on the City, to create a right or remedy in favor of the Contractor against the City, or to restrict or abrogate any right or remedy that is available to the City against the Contractor or any other person, firm, or entity under either the principal Agreement or as a matter of law.

8. *Independent Contractor.* Consultant's relationship to Client at all times is that of an independent contractor. Consultant exclusively controls the means and methods in which it performs its operations or provides the goods, services or undertaking described in the Agreement. The Client does not reserve any right of control over Consultant's operations or the activities it utilizes to perform its obligations in the Agreement.

9. *Contractor's Insurance Requirements:* For the duration of this Agreement and for limits not less than stated below, the Contractor shall maintain the following insurance with a company(ies) lawfully authorized to do business in the location of the Project and reasonably acceptable to the City:

.1 *Comprehensive General Liability:* This insurance shall cover all operations performed by or on behalf of Contractor, and provide coverage for bodily injury and

property damage with a combined single limit of not less than \$500,000 per occurrence.

.2 Automobile Liability: If the work or services performed by the Contractor involves use of motor vehicles on public streets, Automobile Liability covering owned and rented vehicles operated by Contractor with policy limits of not less than Five Hundred Thousand Dollars (\$500,000) combined single limit and aggregate for bodily injury and property damage, per occurrence.

.3 Workers Compensation: Workers' Compensation and Employers Liability as required by statute.

.4 Professional Liability: If Contractor is providing professional services, Professional Liability covering Contractor's negligent acts, errors and omissions in its performance of professional services with policy limits of not less One Million Dollars (\$1,000,000) per claim and in the aggregate.

Contractor may use umbrella or excess liability insurance to achieve the required coverage for Comprehensive General Liability and Automobile Liability, provided that such umbrella or excess insurance results in the same type of coverage as required for the individual policies. These insurance requirements are in addition to and do not affect any indemnification obligation of Contractor herein.

All policies, except for the Workers Compensation and Professional Liability policies shall contain endorsements naming the City, and its officers, employees and agents as additional named insured with respect to liabilities that arise out of and result from the operations of the Contractor or its performance of Services or work. The additional named insured endorsement shall not limit the scope of coverage to the City to vicarious liability, but shall allow coverage for the City to the fullest extent provided by the policy.

All insurance policies required herein are to be primary and non-contributory with any insurance or self-insurance program administered by the City.

Before commencement of Services hereunder, Contractor shall provide the City a certificate(s) of insurance and endorsements (including the additional insured endorsements) evidencing compliance with the requirements in this section. This certificate(s) shall provide that such insurance shall not be terminated or expire without thirty (30) days advance notice to the City.

10. *Indemnification for Claims by Third Parties.* The Contractor agrees to defend, indemnify, and hold harmless the City, and its agents, employees and officials (collectively hereinafter the "Indemnitees") from and against all demands, actions, damages, judgments, expenses (including but not limited to attorneys' fees, expert fees, court costs and other litigation costs), losses, damages, and claims (including those for bodily injury, sickness, disease or death, or to injury to, destruction or loss of use of tangible property, or those for financial loss or damages, collectively hereinafter "Claim(s)") that are made against the City by any third parties (including any employee, agent or representative of the Contractor, collectively "Third Parties") to the extent that such Claims are caused or allegedly caused by the negligence of the Consultant in the performance of its Services, its work on the Project described in the Agreement or its failure to perform its obligations in the Agreement.

11. *EXCLUSION OF CONSEQUENTIAL DAMAGES.* THE CONTRACTOR AGREES AND ACKNOWLEDGES THAT, IN THE EVENT THAT IT ASSERTS ANY CLAIM, DEMAND OR ACTION OF ANY TYPE AGAINST THE CITY ARISING FROM ITS ALLEGED BREACH OF THE AGREEMENT OR ITS FAILURE TO PERFORM ANY OF ITS OBLIGATIONS THEREUNDER, THE MAXIMUM AMOUNT THAT THE CONTRACTOR MAY RECOVER FROM THE CITY AS DAMAGES IN ANY SUCH ACTION IS LIMITED TO THE ACTUAL DAMAGES THAT DIRECTLY ARISE FROM THAT BREACH. THE CONTRACTOR FURTHER ACKNOWLEDGES THAT THE COMMERCIAL TERMS HEREIN WERE PROPOSED AND BASED ON THE ASSUMPTION THAT THIS SPECIFIC LIMITATION IS APPLICABLE, AND THAT THE CITY WOULD NOT ENTERED INTO THIS AGREEMENT WITHOUT INCLUDING THIS LIMITATION. IN NO EVENT WILL THE CITY BE LIABLE TO THE CONTRACTOR FOR ANY INDIRECT, INCIDENTAL, CONSEQUENTIAL, PUNITIVE, RELIANCE OR OTHER SPECIAL DAMAGES, INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOST PROFITS, ADVANTAGE, SAVINGS OR REVENUES OR FOR INCREASED COST OF OPERATIONS. NOTHING IN THIS PROVISION IS INTENDED TO IMPACT, MODIFY, AMEND OR LIMIT THE TERMS OR APPLICATION OF THE INDEMNIFICATION PROVISION IN THE PROVISION ABOVE THAT PERTAINS TO CONTRACTOR'S OBLIGATIONS TO INDEMNIFY THE CITY FOR CLAIMS MADE AGAINST THE CITY BY THIRD PARTIES.

CITY: CITY OF MOUNTAIN BROOK

CONTRACTOR: SKIPPER CONSULTING INC.

By: _____

By: Richard L. Caudle

Printed Name: _____

Printed Name: Richard L. Caudle, P.E.

Title: _____

Title: Senior Traffic Engineer

Date: _____

Date: November 16, 2022

Old Leeds Road at Cherokee Road

This report documents a study performed to respond to a public request for the installation of a flashing light system to alert motorists and bicyclists of an oncoming vehicle on Old Leeds Road eastbound approaching around the hairpin turn at the intersection of Cherokee Road.

Sight distance is limited for drivers making a left turn from Cherokee Road onto Old Leeds Road and making a left turn from Old Leeds Road onto Cherokee Road. The sight distance looking to the left from Cherokee Road is 185 feet. A minimum of 335 feet of sight distance is needed to make the left turn based on the 30 mile per hour posted speed limit on Old Leeds Road. The sight distance looking at oncoming traffic from Old Leeds Road westbound is 150 feet. A minimum of 245 feet of sight distance is needed to make the left turn. The sight lines are illustrated in the following figure.



The proposed solution to the inadequate sight distance is to install a flashing light system which would detect vehicles on Old Leeds Road eastbound and provide a flashing light warning to vehicles on Cherokee Road and Old Leeds Road of the oncoming vehicle. A similar system is currently in use in on Cahaba Road at Botanical Place in the City of Mountain Brook.

In order to determine design elements of the system, the time required to make a left turn maneuver must be known. Based on information in the Transportation Research Board's publication "Highway Capacity Manual, 6th Edition", the following headway times are required to make a left turn maneuver:

Left turn from the major road	4.1 seconds
Left turn from the minor road	7.1 seconds

Based on the 30 mile per hour posted speed limit on Old Leeds Road, the detection zone for the oncoming vehicles would need to be:

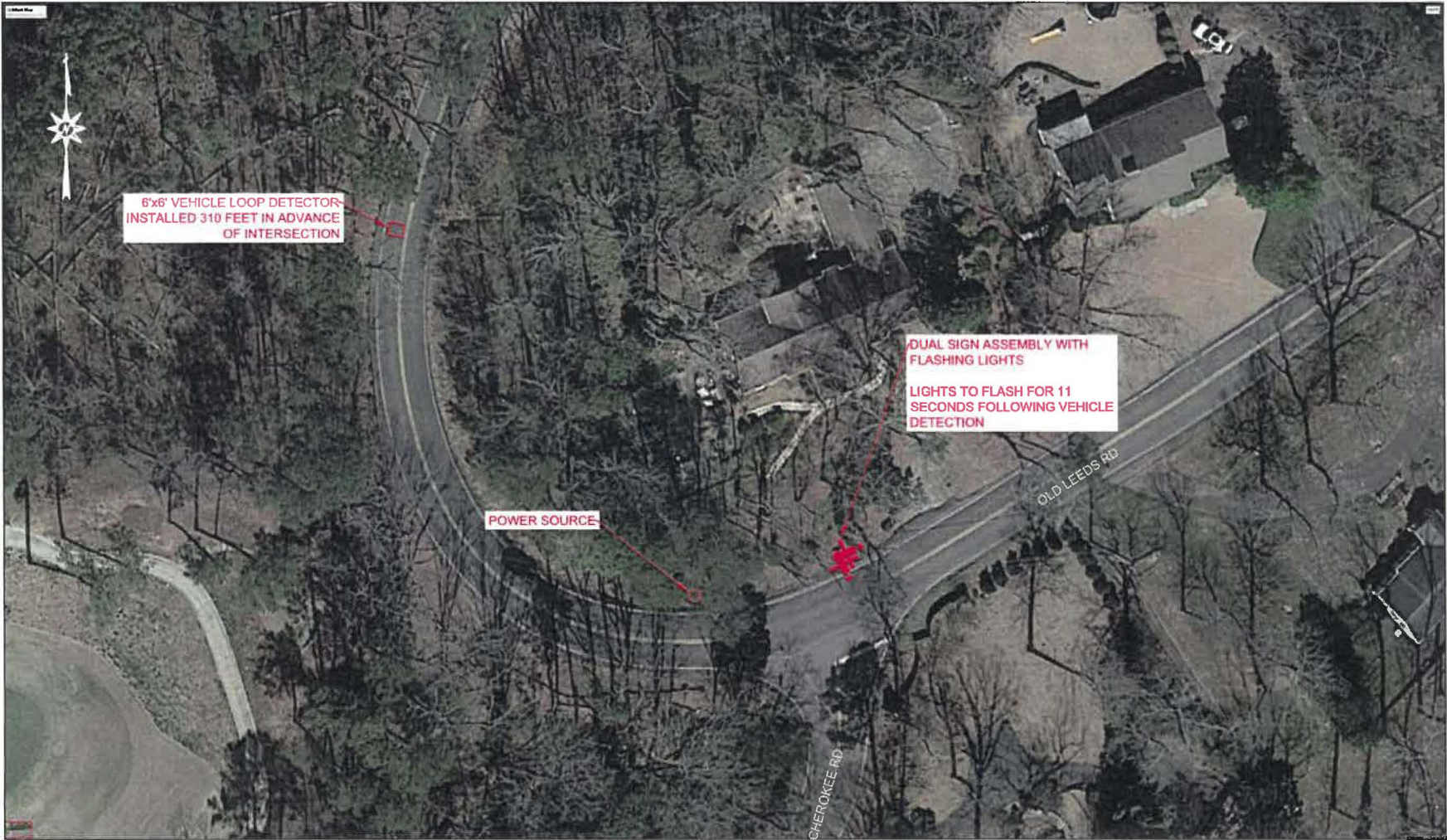
Left turn from Old Leeds Road	180 feet from the intersection
Left turn from Cherokee Road	310 feet from the intersection

The left turn from Cherokee Road is the worst case, so a detection distance of 310 feet would be needed for the system.

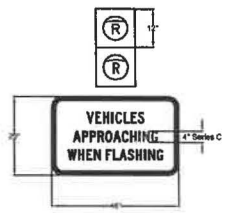
The time that the flashing lights should flash was calculated based on a minimum expected speed of 20 miles per hour on Old Leeds Road. To traverse 310 feet, 11 seconds is needed for a vehicle to clear the intersection from the detection zone.

A plan view of the system design is shown on the following page. The next two pages are renderings of the proposed signs/flashing lights from Cherokee Road and Old Leeds Road.

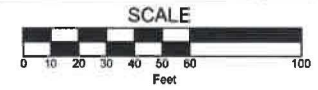
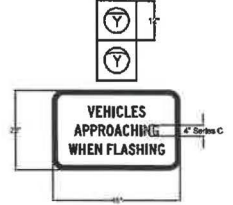
The cost estimate to install the system as shown is approximately \$25,000.



CHEROKEE ROAD SIGN



OLD LEEDS ROAD SIGN





Cherokee Road View



Old Leeds Road View

Old Leeds Road at Cherokee Road

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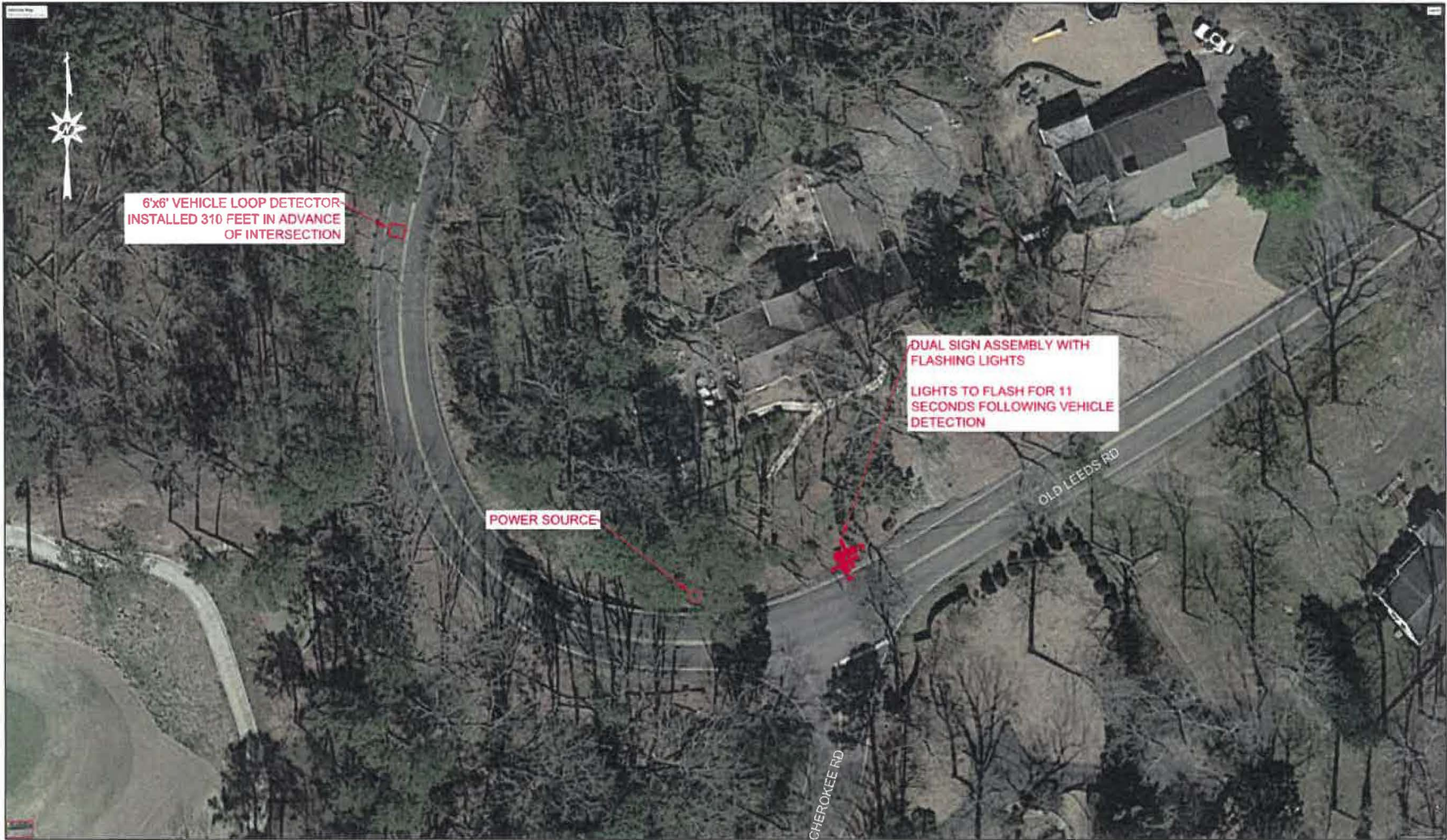
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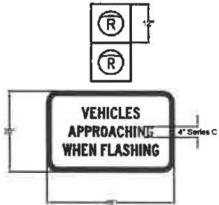
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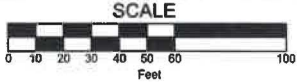
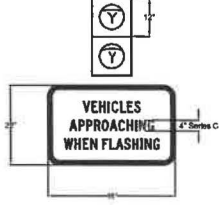
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CHEROKEE ROAD SIGN



OLD LEEDS ROAD SIGN





Cherokee Road View



Old Leeds Road View