

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

**CITY HALL – ROOM A106  
56 CHURCH STREET  
MOUNTAIN BROOK, AL 35213**

**DECEMBER 14, 2015 6:15 P.M.**

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1. Introduce John Doody, Jr., new Finance Committee member.
2. Proposal from Sain Associates for the design of the Overbrook Road turn lane extension – Alicia Bailey of Sain Associates. (See attached information. This item may be added to the formal agenda)
3. Request for 4-hour parking for the parking spaces in front of the Scout Hut at 55 Vine Street- Sam Gaston and Dana Hazen. (See attached information. This item may be added to the formal agenda.)



December 10, 2015

Ronnie Vaughn  
Public Works Director  
City of Mountain Brook  
56 Church Street  
Mountain Brook, AL 35213

**SUBJECT: Overbrook Road at Montevallo Road - right turn lane extension  
Sain Associates Project Number: 15-0254**

Dear Ronnie,  
Please accept this letter as our proposal to provide you with surveying and engineering services.

**General Understanding of the project:**

The existing right turn lane on northbound Overbrook Road at the Montevallo Road intersection will be extended to include 200' storage and 100' taper as shown in the attached map prepared by Skipper Consulting. The turn lane extension will require widening of the pavement, installation of gutter, and a new 4' wide sidewalk behind the gutter. The existing grass strip between the gutter and sidewalk will be eliminated. Sain will review the need for curb and gutter versus gutter, but no new inlets will be installed. Therefore, no hydraulic analysis will be performed. The existing driveways will be tied to the new sidewalk. It is expected all improvements will remain in the right-of-way. If the driveway ties cannot meet ADA within the existing right-of-way, Sain will document the ADA non-compliance with the City.

**Topographic Survey:**

Contours will be shown at 1-foot intervals and based from an assumed datum. Spot elevations will be shown in flat areas. Two benchmarks will be set on site. We will show visible utilities and subsurface utilities as marked by utility companies. We will coordinate with Alabama One Call requesting all subsurface utilities situated in public right-of-way marked to enable an accurate location and depiction of the subsurface utilities.

Visible drainage structures will be shown indicating top and invert elevations as well as type and size of pipes. Visible improvements will be shown including buildings, walls, fences, sidewalks, curbs, parking areas, paved areas, travel lanes, pavement stripes, sidewalks, bridge walls and bridge decks. Landscaped areas and tree lines will be shown on survey, individual shrubs and trees will NOT be shown on survey.

Limits are on Overbrook Road from Montevallo Road to Overbrook Lane and will extend from right-of-way to right-of-way. Right-of-way will be shown based on found iron pins or drawn from tax maps, not deeds.

**Roadway Plan:**

Plans will be designed for the proposed improvements to the roadway and sidewalk. The plans will be suitable to for issuing to contractors to bid. The plans will include a grading and layout, drainage, pavement design, striping, erosion control, traffic control elements, and signal modification.

Celebrating 40 Years of Excellence in Engineering and Surveying

Two Perimeter Park South, Suite 500 East - Birmingham, Alabama 35243

p (205) 940-6420 - f (205) 940-6433

www.sain.com

Overbrook Road  
December 10, 2015  
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- Construction Services – layout, staking, inspection, or testing

Should you have any questions or comments, please do not hesitate to call.

Sincerely,



Alicia Bailey, P.E.  
Infrastructure Team Leader  
Alabama Lic. No. 26339

ACCEPTED:

City of Mountain Brook, Alabama

By: \_\_\_\_\_

Date: \_\_\_\_\_



James A. Meads, PE  
President/CEO  
AL PE#17294

Enclosures: Terms and Conditions, Schedule 2015



**Bhate Geosciences Corporation**  
Geotechnical, Materials Environmental Engineers

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Birmingham, Alabama 35212  
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December 9, 2015

Alicia Bailey, P.E.  
Sain Associates  
Two Perimeter Park South  
Suite 500 East  
Birmingham, Alabama 35243

Subject: Proposal for Pavement Section Input  
Proposed Overcrest Road Turn Lane Widening  
Mountain Brook, Alabama  
BHATE Reference Number: 8436-15

Dear Mrs. Bailey:

We are pleased to submit the following proposal to perform a brief investigation and limited geotechnical engineering evaluation pertaining to the proposed widening of Overbrook Road at the intersection of Overbrook and Montevallo Road in Mountain Brook, Alabama. Based on telephone conversations with you, we understand the following:

- The City of Mountain Brook is proposing to widen Overbrook Road approximately one (1) foot. The widening will occur on the east side of the road expanding the right turn lane over a distance of 300 feet from the intersection of Overbrook and Montevallo Road. It appears that virtually no grading would be required to accommodate the very narrow lane widening.
- You informed us the objective of the evaluation would be to determine the existing pavement section of Overbrook Road, and provided the existing pavement appears to be performing satisfactorily, the existing pavement section would be duplicated for the widening. We recommend conducting three (3) cores in the existing road to determine the pavement build-up. Coring through the existing pavement would be conducted by a sub-contractor, and coring in the roadway would require portions of Overbrook Road to be closed for several hours. We have assumed a typical asphalt pavement section (less than 12 inch total thickness) would be penetrated. Coring through obstructions or exploration to greater depths would be conducted on a unit rate basis.
- Due to the high traffic intensity near this intersection, the fieldwork would be conducted during the hours of 9:30 AM to 3:30 PM in order to avoid the majority of traffic. We have assumed that our services could be completed during normal business hours, however, in the event that weekend work is required to minimize traffic disturbance then there would be an additional charge for overtime.

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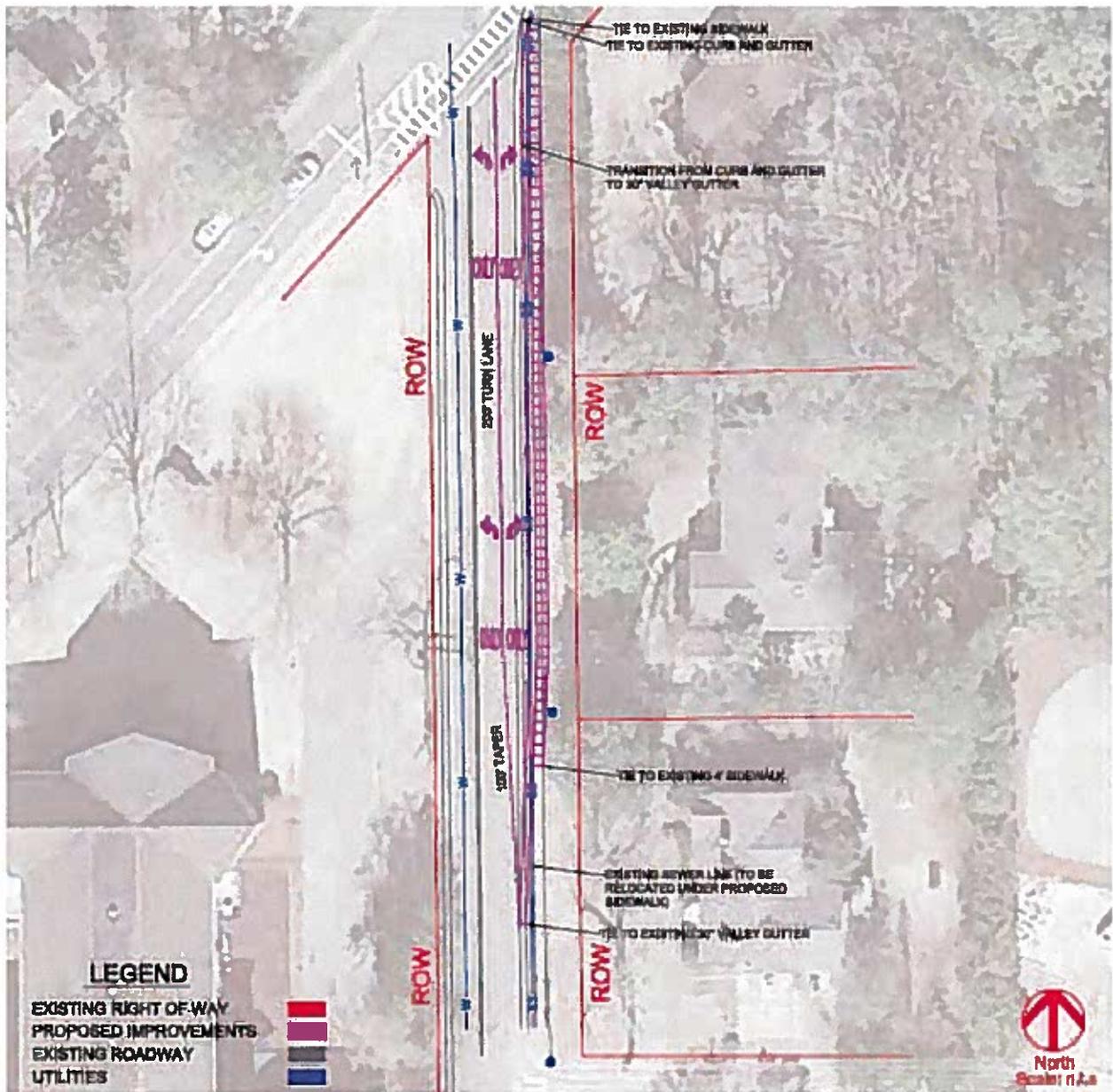
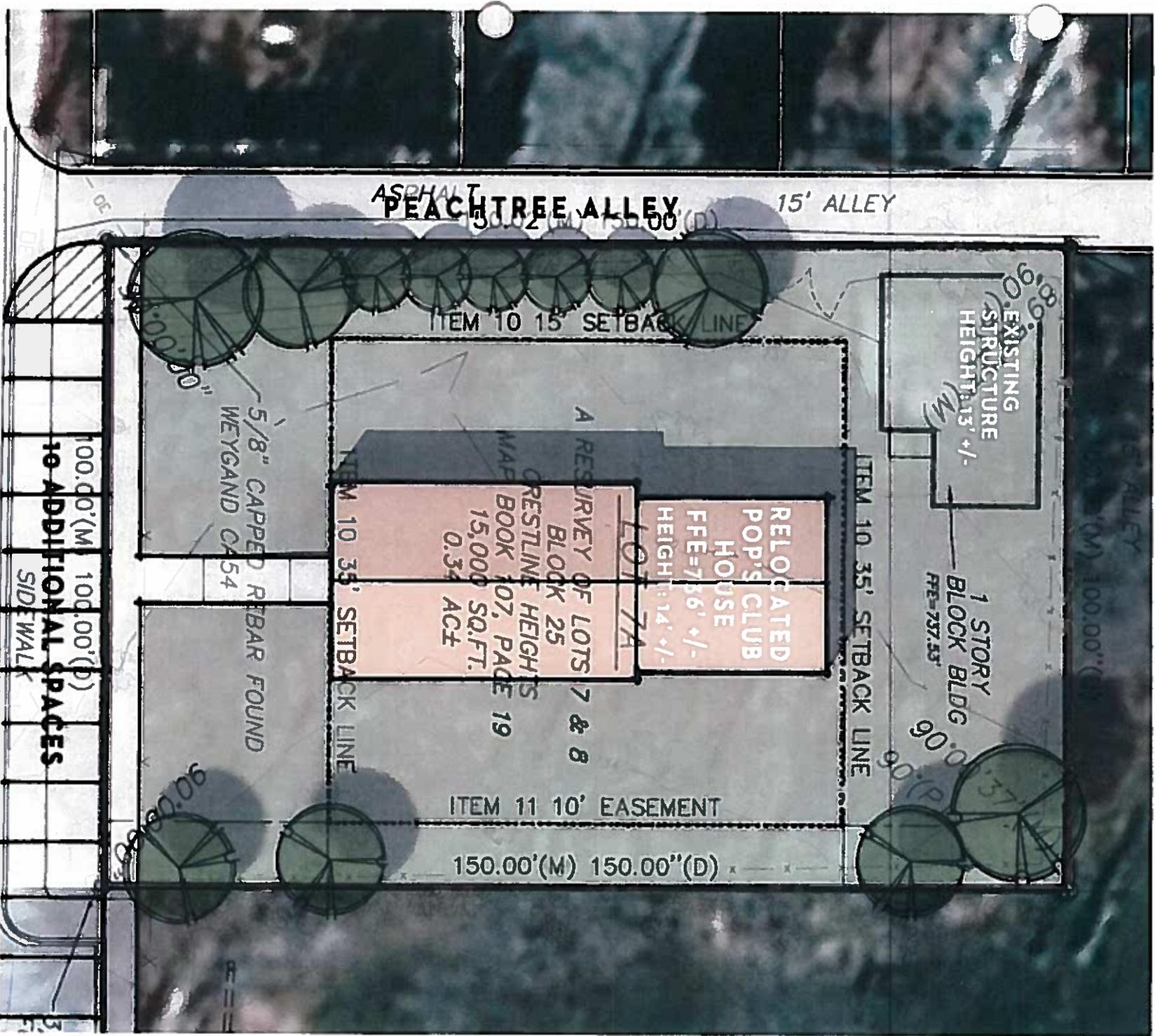


Figure B-7. Preliminary Design of Right Turn Lane Extension on Overbrook Road



ASPHALT PEACHTREE ALLEY 15' ALLEY

ITEM 10 15' SETBACK LINE

ITEM 10 35' SETBACK LINE

ITEM 10 35' SETBACK LINE

ITEM 11 10' EASEMENT

150.00'(M) 150.00''(D)

90.89' EXISTING STRUCTURE HEIGHT: 13' +/-

1 STORY BLOCK BLDG  
FE=737.53'

RELOCATED POP'S CLUB HOUSE  
FEE=736' +/-  
HEIGHT=14' +/-

LOT 7A  
A RESURVEY OF LOTS 7 & 8  
BLOCK 25  
CRESTLINE HEIGHTS  
MAP BOOK 107, PAGE 19  
15,000 SQ.FT.  
0.34 AC

5/8" CAPPED REBAR FOUND  
WEYGAND CA 54

100.00'(M) 100.00'(D)  
10 ADDITIONAL SPACES  
SIDEWALK

VINE STREET

VINE STREET 50' ROW

SCALE: 1" = 20'

LOT 7A MOUNTAIN BROOK, AL



