# ADDENDUM NO. 2
# INVITATION TO BID
# WINDSOR PARKWAY DETENTION POND PROJECET

## BID NUMBER 15-059

**COMPLETE THIS ADDENDUM, SIGN and SUBMIT with the ITB.**
**City of Sandy Springs – Purchasing Division**
**Sandy Springs City Hall**
**7840 Roswell Road Bldg. 500**
**Sandy Springs, GA 30350**

**BID DUE DATE: APRIL 6, 2015; 2:00 P.M.**

**I hereby acknowledge receipt of Addendum 2 for ITB #15-059 INVITATION TO BID WINDSOR PARKWAY DETENTION POND PROJECT and have incorporated the changes into my response for the abovementioned Invitation to Bid.**

**COMPANY NAME: _____CONTACT PERSON: _____**

**ADDRESS: _____CITY: _____ STATE: ____ ZIP: _____**

**PHONE: _____ FAX: _____EMAIL ADDRESS: _____**

**SIGNATURE: _____DATE: _____**

**1. On drawing S.1, Notes #11, #12 & #13 requirements for expansion and control joints: Can details be provided for joints indicating reinforcing that is to run through joints, dowels at joints, expansion joint filler material required and desired water-stop sizes? Requested information was added to the plans.**

**2. Will geotechnical information, soil borings results, etc. be provided prior to bid? A geotechnical report is attached.**

**3. Is a horizontal joint at the top of the 12" x 3'-3" lug and the bottom of the 2'-0" base slab on typical wall sections B and C on drawing S.2 acceptable? Yes, added as an option on the plans.**

**4. Are there any special work hour restrictions applicable? See sample contract section 2.4, "Workday and Restrictions, Suspension and Interruption"**

**5. Are there lane closure restrictions or hours lane closures are prohibited? City will determine with awarded vendor.**

**6. Are there any project specifications other than as noted on drawings and in ITB. ( Separate specifications not received with drawings from LDI – drawings only. ) Note #19 on drawing C.2 references standard specifications and special provisions for traffic control and sequence of operations. GDOT specifications, unless noticed otherwise.**

**7. Please provide desired exposed cast in place concrete detention wall finish. Note specifying Type III finish was added to plans.**

**8. Can we obtain a list of all plan holders? Not available.**

MorelandAltobelliAssociates,Inc

2211 Beaver Ruin Road, Suite 190 • Norcross, Georgia 30071 • 770/263-5945 • Fax: 770/263-0166 • ma@maai.net

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**SUBSURFACE INVESTIGATION REPORT**

For

Windsor Pkwy Detention Pond

Sandy Springs, Fulton County, Georgia

MAAI Project No. 15805

This report summarizes the result of the geotechnical investigation performed for above reference project. The purpose of this investigation was to explore subsurface condition of in the detention pond area and provide recommendations for the design of the concrete detention pond.

We understand that the proposed detention pond is in triangular shape with area approximately 1320 square feet. The field investigation consisted of performing one Standard Penetration Test (SPT) boring at the center of the proposed tank. SPT values were taken every 2.5 or 5 feet to the termination depths, groundwater level was measured prior to backfilling the borehole.

As indicated in the attached boring log the subsurface soils consist primarily of medium dense to dense sand, with top 2 feet was very loose sandy silt. No bed rock were encountered before the termination depth of 30 feet, ground water was encountered at depth of 23 feet. (See attached boring log for detail, please note that the top surface, i.e. ground surface, was scaled off provided site plan, the actual elevation should be verified.)

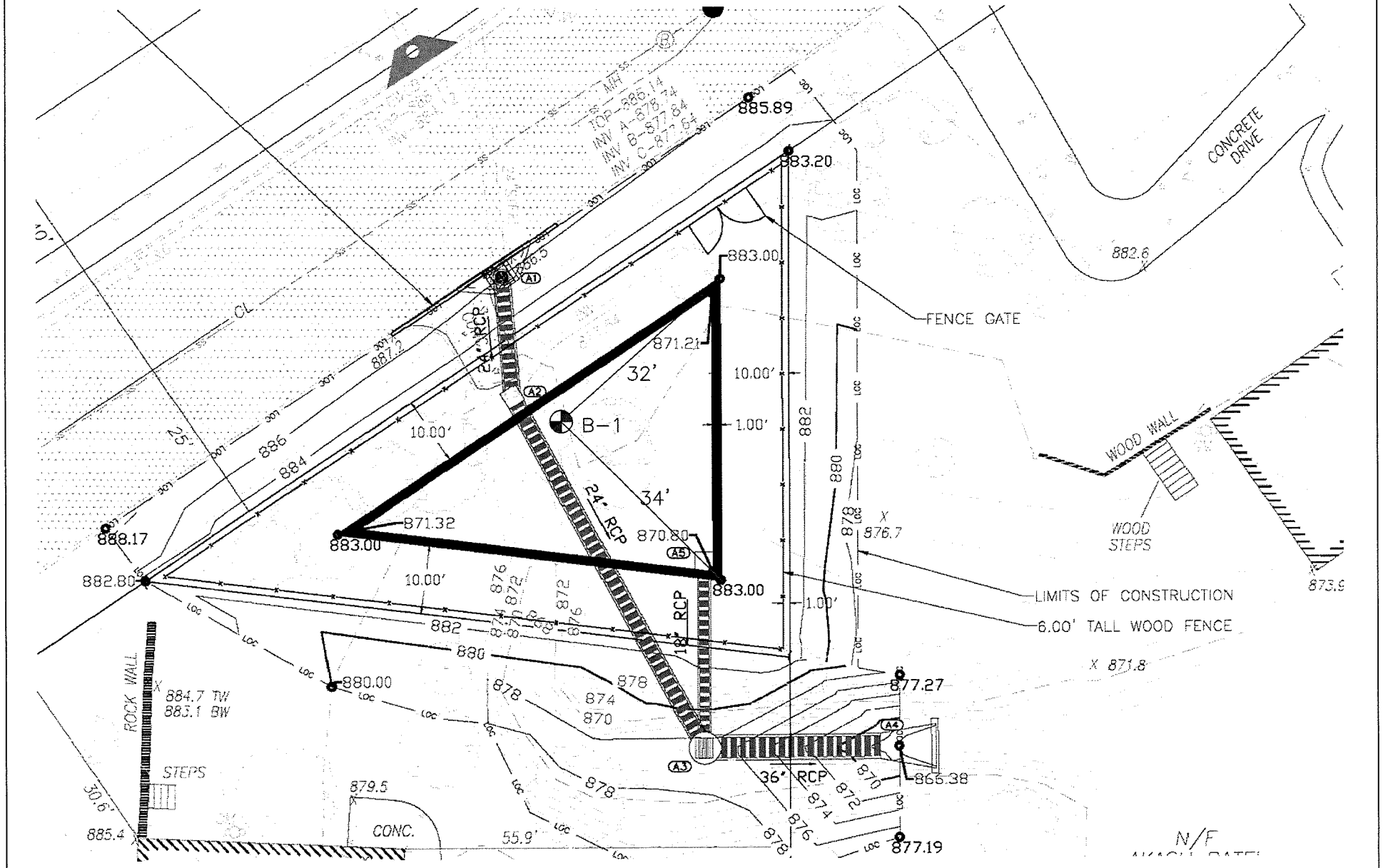
Based on our evaluation of the subsurface soil conditions and our past experience with similar projects, it is our opinion that the onsite material is sufficient to support the proposed concrete detention pond. A maximum allowable soil bearing pressure of 3000 pounds per square foot (psf) is recommended to use for a foundation seated at elevation 870 ft or below, we anticipate the settlement would be less than 1 inch under normal load conditions. We also recommend that a minimum 6" layer of compacted crusher run be placed at the bottom of footing elevation prior to the construction of the concrete slab.

Should the site plan or structural characteristics differ from our assumed conditions, this office should be notified so that we may review our recommendations in light such changes.

Respectfully submitted,


Yong Shao, P.E.

Senior Geotechnical Engineer




| | | | |
|---|---|---|---|
| TITLE: | BORING LOCATION MAP | PROJECT NO: 15805/GEO | MORELAND ALTOBELLI ASSOCIATES, INC. |
| PROJECT: | WINDSOR PKWY DETENTION POND<br>SANDY SPRINGS, FULTON CO., GA | DRAWN BY: YCS<br>DATE: 3/12/2015 | 2211 BEAVER RUIN ROAD, SUITE 190<br>NORCROSS, GEORGIA 30071<br>TEL: 770-2635945; FAX: 770-2635954 |

Moreland Altobelli Associates, Inc.
2211 Beaver Ruin Road, STE 190
Norcross, GA 30071

# Boring B-1



Windsor Pkwy Detention Pond
Sandy Springs, Georgia

MAAI Job No. 15805

| | | | |
|---|---|---|---|
| DATE COMPLETED | : 3/13/2015 | SURFACE ELE. | : 876+/- ft |
| HOLE DIAMETER | : 5.5 inch | DEPTH OF BORING | : 30 ft |
| DRILLING METHOD | : CME 550 2.25" HSA w/ SPT | DEPTH TO WATER | : 23 ft |
| DRILLER | : Environmental Exploration Inc. | | |
| LOGGED BY | : SE | | |

Sample Condition: Remoulded; Undisturbed; Lost; Rock Core

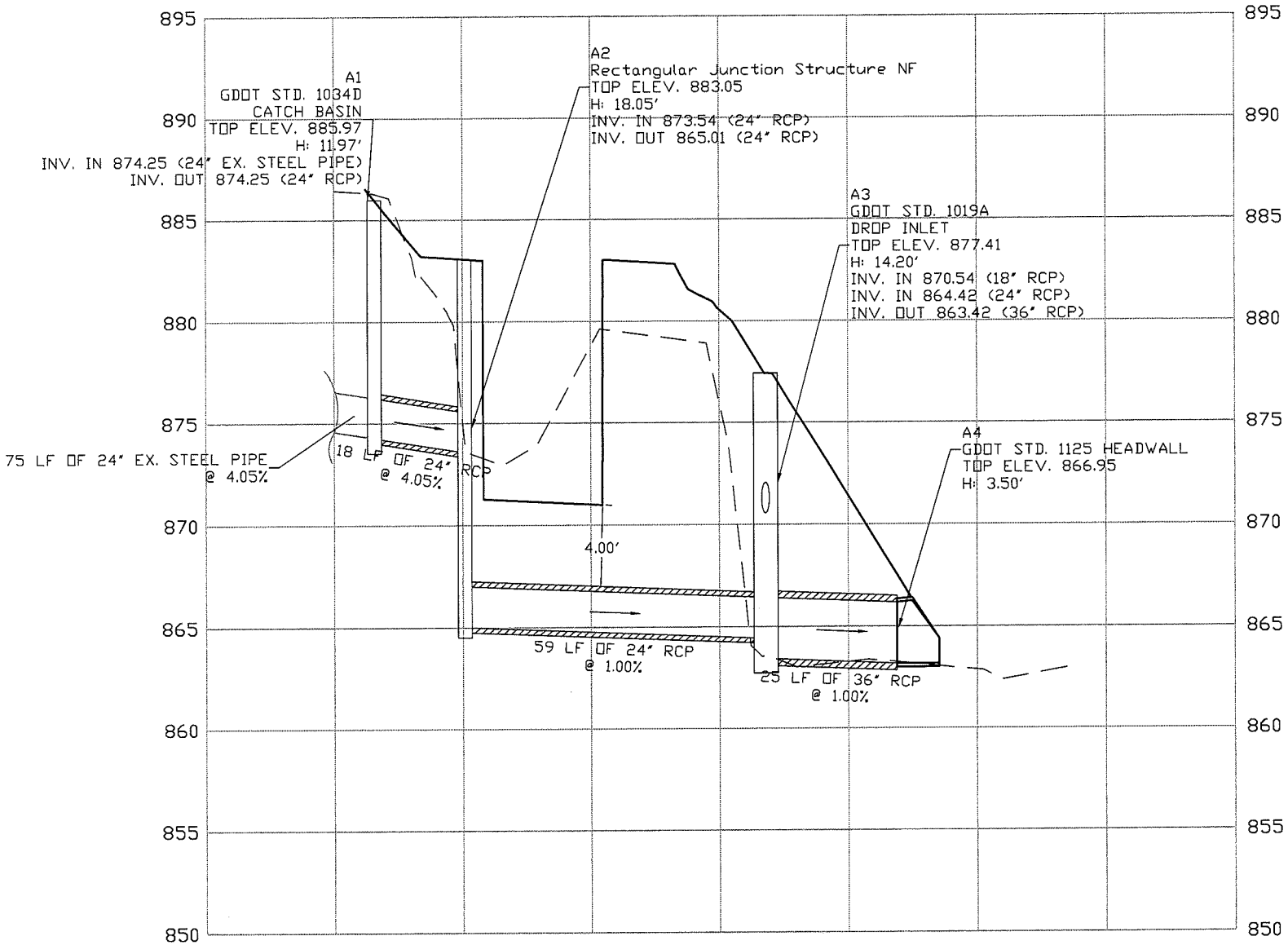
Sampler Type: SS Split Spoon; ST Shelby Tube; PS Piston Sampler; DC Diamond Core Bar.

| Depth in Feet | Surf. Elev. 876 | USCS | GRAPHIC | DESCRIPTION | Blow count | SPT-N Value |
|---|---|---|---|---|---|---|
| 0 | 876 | ML | | Brown sandy silt, very loose | 1-2-1 | 3 |
| 2 | 874 | | | | | |
| 4 | 872 | SP | | Tan/grey clayey sand, medium dense | 3-3-6 | 9 |
| 6 | 870 | | | | 4-6-9 | 15 |
| 8 | 868 | | | | | |
| 10 | 866 | | | | 9-11-13 | 24 |
| 12 | 864 | SP | | Light grey gravelly sand, dense | | |
| 14 | 862 | | | | 7-15-17 | 32 |
| 16 | 860 | SP | | Tan/gold silty sand, medium dense | | |
| 18 | 858 | | | | | |
| 20 | 856 | | | | 4-6-8 | 14 |
| 22 | 854 | | | | | |
| 24 | 852 | | | | 3-5-11 | 16 |
| 26 | 850 | SP | | Tan/clayey sand, dense. | | |
| 28 | 848 | | | | | |
| 30 | 846 | | | Boring terminated at depth of 30 feet | 6-16-23 | 39 |
| 32 | 844 | | | | | |
| 34 | | | | | | |

N Value Graph: 0 50 100

Sampler Type | Sample | Moist, % | Water Level

03-16-2015 Q:\FULTON\City of Sandy Springs\15805 Winsor Parkway Detention Pond\B-1.bor


A1
GDOT STD. 1034D
CATCH BASIN
TOP ELEV. 885.97
H: 11.97'
INV. IN 874.25 (24" EX. STEEL PIPE)
INV. OUT 874.25 (24" RCP)
A2
Rectangular Junction Structure NF
TOP ELEV. 883.05
H: 18.05'
INV. IN 873.54 (24" RCP)
INV. OUT 865.01 (24" RCP)
A3
GDOT STD. 1019A
DROP INLET
TOP ELEV. 877.41
H: 14.20'
INV. IN 870.54 (18" RCP)
INV. IN 864.42 (24" RCP)
INV. OUT 863.42 (36" RCP)
A4
GDOT STD. 1125 HEADWALL
TOP ELEV. 866.95
H: 3.50'
75 LF OF 24" EX. STEEL PIPE
@ 4.05%
18 LF OF 24" RCP
@ 4.05%
4.00'
59 LF OF 24" RCP
@ 1.00%
25 LF OF 36" RCP
@ 1.00%
895
890
885
880
875
870
865
860
855
850

A1 - A3