From:

ECS Mailroom [ecsmailroom10@ecslimited.com]

Sent:

Friday, January 05, 2007 9:24 AM

To:

jstamps@co.dekalb.ga.us; abmartin@co.dekalb.ga.us; dsanders@jmwilkerson.com;

martiw@altamiradesign.com

Subject:

ECS E-Mail: Brook Run Skate Park Field Reports Sent: 01/05/2007

Attachments:

M00111058M.pdf



Attached are: Brook Run Skate Park Field Reports

Report Number/s included: 1

If you have any questions or concerns regarding this report, DO NOT REPLY TO THIS AUTOMATED E-MAIL. Please contact:

Guido Reyes, E.I.T. Project Engineer

Direct Line: 678.460.5445 Main Number: 770.419.0745

E-Mail: mailto:GReyes@ecslimited.com

OR

Thomas Dobras, P.E.

Construction Services Manager

Main Number: 770.419.0745 Extension: 5444

E-Mail: mailto:TDobras@ecslimited.com

You will need Adobe Acrobat Reader to view this file. To download the free reader from Adobe, click on the link below: http://www.adobe.com/prodindex/acrobat/readstep.html



### ECS Southeast, LLC 1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971

### LETTER OF TRANSMITTAL

January 5, 2007

Dekalb County Purchasing & Contracting 1300 Commerce Drive Maloof Center - Room 303 Decatur, GA 30030

ATTN: James Stamps, Jr.

RE: Brook Run Skate Park

ECS Job # 10:4439

Permits:

Location: **4770 North Peachtree Road** 

Dunwoody, GA

We are enclosing:

Materials Engineering Division Reports

For your use

As requested

CC: Altamira Design and Common Sense, Inc. - Marti Watts J.M. Wilkerson Const. Co. - Dan Sanders Dekalb County Development Dept. - Andre B. Martin United Grading & Excavating Co. - Randy Robison

ENCL:

Field Report # 1

01/02/2007

Construction Services Manager

Guido Reyes, E.I.T.

Guido J. Reg.

Project Engineer



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

Project

**Brook Run Skate Park** 

Location

Dunwoody, GA

Client

**Dekalb County Purchasing & Contracting - James** 

Remarks

Trip Charges\*

Chargeable Items

Tolls/Parking\*

Mileage\*

Time of Arrival

Project No.

Report No.

Day & Date

On-Site Time

Travel Time\*

Re Obs.Time

Weather

Lab Time

Total

Departure

Tuesday 01/02/2007

10:00A 12:30P

FIELD REPORT

1

2.50

0.00

0.00

2.50

0.00

10:4439

46°/ Sunny

\* Travel time and mileage will be billed in accordance with the contract.

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to collect the propose soil to be used as fill material at the Brook Run Skate Park project site.

At the time of arrival, the undersigned met with the project superintendent Dan Sanders/J.M. Wilkerson and Randy Robinson/United Grading & Excavating Co. Following, the undersigned and Randy Robinson went to an outside source located in Duluth to pick up soil sample bag.

The soil sample was returned to ECS lab. for standard proctor testing.

From:

ECS Mailroom [ecsmailroom10@ecslimited.com]

Sent:

Friday, January 12, 2007 4:44 PM

To:

jstamps@co.dekalb.ga.us; abmartin@co.dekalb.ga.us; dsanders@jmwilkerson.com;

martiw@altamiradesign.com

Subject:

ECS E-Mail: Brook Run Skate Park Field Reports Sent: 01/12/2007

Attachments:

M00111437M.pdf



Attached are: Brook Run Skate Park Field Reports

Report Number/s included: 3

If you have any questions or concerns regarding this report, DO NOT REPLY TO THIS AUTOMATED E-MAIL. Please contact:

Guido Reyes, E.I.T.

Project Engineer

Direct Line: 678.460.5445 Main Number: 770.419.0745

E-Mail: mailto:GReyes@ecslimited.com

OR

Thomas Dobras, P.E.

Construction Services Manager

Main Number: 770.419.0745 Extension: 5444

E-Mail: mailto:TDobras@ecslimited.com

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1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

### LETTER OF TRANSMITTAL

January 12, 2007

Dekalb County Purchasing & Contracting 1300 Commerce Drive Maloof Center - Room 303 Decatur, GA 30030

ATTN: James Stamps, Jr.

RE: Brook Run Skate Park

ECS Job # 10:4439

Permits:

4770 North Peachtree Road Location:

Dunwoody, GA

We are enclosing:

Materials Engineering Division Reports

For your use

As requested

CC: Altamira Design and Common Sense, Inc. - Marti Watts J.M. Wilkerson Const. Co. - Dan Sanders Dekalb County Development Dept. - Andre B. Martin United Grading & Excavating Co. - Randy Robison

ENCL:

Field Report # 2

01/10/2007

Thomas Dobras, P.E.

Construction Services Manager

Guido Reyes, E.I.T.

Guida J. Duns

Project Engineer



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 770) 590-1971 (770) 590-1975

**Project** 

**Brook Run Skate Park** 

Location

Dunwoody, GA

Client

**Dekalb County Purchasing & Contracting - James** 

Remarks

Trip Charges\*

Chargeable Items

Tolls/Parking\*

Mileage\*

FIELD REPORT

Project No.

10:4439

Report No.

2

Day & Date Wednesday 01/10/2007

Weather

52°/ Sunny

On-Site Time 5.25

0.00Lab Time

Travel Time\* 0.00

Total

Re Obs.Time 0.00

Time of Arrival Departure

07:15A 12:30P

5.25

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

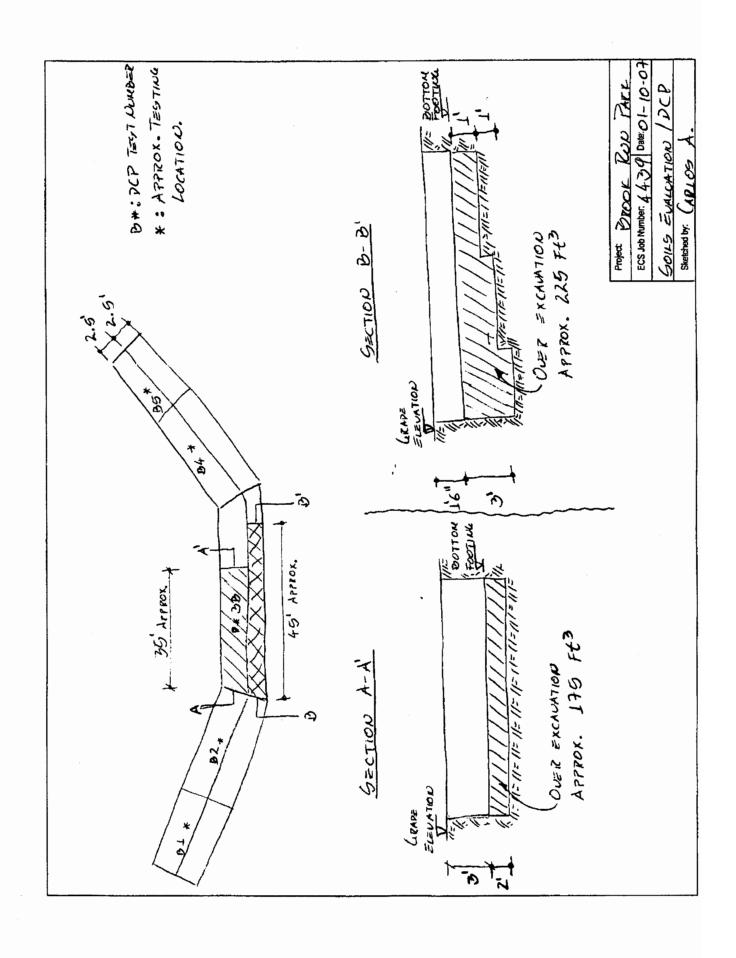
The undersigned arrived on site, as requested, to check the bearing capacity of soils at the detention pond retaining wall foundation.

A dynamic cone penetrometer (ASTM STP-399) was used to check the bearing capacity of the soils at aforementioned areas. With the exception of an area located at the middle of the retaining wall, where alluvial soils were observed at depths ranging from 1 to 3ft below the bottom of footing elevation, the test results indicated that soils, at the areas and elevations tested, should be capable of supporting a foundation designed for a net allowable bearing capacity of 2000 psf.

The project superintendent was informed of the test results, and advised to remove the alluvial soils from the proposed foundation areas, replacing the unsuitable materials with #57 stone. Refer to the attached sketch for details.

Note: A "T" handle probe rod was also used to located soft areas.

<sup>\*</sup> Travel time and mileage will be billed in accordance with the contract.





Engineering Consulting Services 1800 Sandy Plains Parkway, Suite 208 Marietta, GA 30066 Phone: 770-419-0745 Fax: 770-590-1975

### Auger Penetrometer Test Report With Dynamic Cone Penetrometer

চু	Name: BROOK RUA	PAR Owner:	Page: 1 of Date: 01 10 07
15	Location:	Client:	Tested By: CARLES A.
٩	Number: 4439	General Contractor:	Employee Number: 10-695

Test	Location		Dynamic Cone Penetrometer Test		Comments
No.	Location	Depth	Soit Description	Results	Comments
1	GEE GRETCH	0	TAN CLAYEY-SAND + ROCK	12-14-204	
		l'	(	16 -220+	
		2'	}	20+	
2	GEE GRETCH	0,	TAN CLAYEY-GAND + ROCK	16-16-20+	
		i`		20+ -	
		2'	(	20+ -	
3	GEE SKETCH	0'	ALLOWIAL	4-3-4	
		<u></u>	<u> </u>	3-4-5	
		2'	<b>\</b>	4-3-4	
		3	TAN CLAYEY-GAND	12-14-15	
		4'	<u> </u>	14-17-20+	
		5'	,	16-20+	
4	GEE SKETCH	0'	YELLOW GILTY- GAND	8-10-10	
		1'		9-8-10	·
		2'	)	12-14-14	
		3'	\	16-20+	
5	GEE SKETCH	0	YELLOW GILTY-GAND	10-12-12	
		j.		11-13-15	
		2'	<b>)</b>	12-16-14	A 144-00-00-00-00-00-00-00-00-00-00-00-00-0
		3'	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	16-20+	AA-AST 4-1
	- Manager - Appropriate - Appr				



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

### LETTER OF TRANSMITTAL

January 12, 2007

Dekalb County Purchasing & Contracting 1300 Commerce Drive Maloof Center - Room 303 Decatur, GA 30030

ATTN: James Stamps, Jr.

RE: Brook Run Skate Park

ECS Job # 10:4439

Permits:

Location: 4770 North Peachtree Road

Dunwoody, GA

We are enclosing:

X Materials Engineering Division Reports

X For your use

X As requested

CC: Altamira Design and Common Sense, Inc. - Marti Watts J.M. Wilkerson Const. Co. - Dan Sanders Dekalb County Development Dept. - Andre B. Martin United Grading & Excavating Co. - Randy Robison

ENCL:

Field Report # 3

01/11/2007

Thomas Dobras, P.E.

Construction Services Manager

Luis Ponce, BSCE Senior Project Manager



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

**Project** 

**Brook Run Skate Park** 

Location

Dunwoody, GA

Client

**Dekalb County Purchasing & Contracting - James** 

Remarks

Trip Charges\*

Tolls/Parking\*

Mileage\*

Chargeable Items

FIELD REPORT

Project No.

10:4439

Report No.

3

Day & Date

Thursday 01/11/2007

Weather

50°/ Sunny

On-Site Time

Lab Time

7.75 0.00 0.00

Travel Time\*

7.75

Total Re Obs.Time

0.00

Time of

Arrival Departure

10:00A

05:45P

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to observe the placement of 99 cubic yards of 3000 psi concrete for the detention pond wall foundation. refer to the attached sketch.

Prior to concrete placement, the reinforcing steel observed on this date appeared to be placed in accordance with project drawings and specifications(Bec-don Inc/Site Wall/12-20-06/sheet R-1).

The required test limits were determined to be a slump of 4-6 inches, concrete temperature range of 50-90 degrees Fahrenheit and batch to placement time of less than 90 min. Concrete observed on this date appeared to be placed in compliance with project specifications with regard to temperature, slump, air content, and batch to placement time.

The following samples were obtained for compressive strength testing in our laboratory:

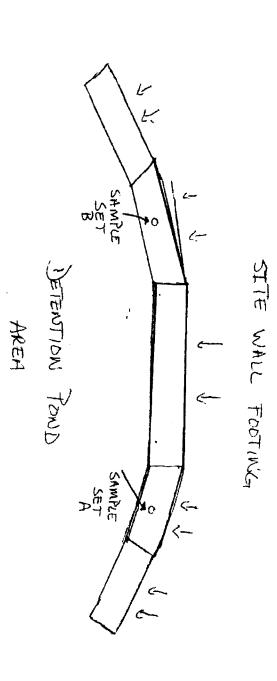
### Set A:

1 set of 4 lab cylinders (3000 psi) for Footings

### Set B:

1 set of 4 lab cylinders (3000 psi) for Footings

<sup>\*</sup> Travel time and mileage will be billed in accordance with the contract.



Skakta-K 4439 1-11-07 DERRICK HAYIVE



# **Concrete Summary Report**

Project: Brook Run Skate Park

Location: 4770 North Peachtree Road
Dunwoody, - DeKalb County - GA 30038Contractor: None Listed

Project No. 4439

Day/Date: 01/11/07

Client: Dekalb County

Weather / Temp: Sunny / 50

Supplier:

T consistent D constitution	Location and Nemarks			*					*	
Water	Added									
Concrete	Тетр.			09					09	
, v /o	% All						_			
-	duinic			2.00					00'9	
Truck Time	Finish	02:15	02:35	03:30	04:10	03:58	04:31	04:45	00:50	02:30
Truc	Arrive	01:46	02:15	02:27	03:00	00:60	03:01	03:10	04:26	04:45
Batch	Time	01:27	01:53	02:05	02:21	02:30	02:41	02:29	03:56	04:26
CY Concrete	Cum	6	18	27	36	45	25	63	72	81
CY Co	Truck	0.6	0.6	0.6	9.0	9.0	9.0	9.0	9.0	0.6
Ticket	No.	30326729	30326732	30326733	30326734	30326735	30326736	30326737	30326744	30326745
Truck	No.	1751	205	1795	210	1824	1830	703	1795	1824
;	Š.	_	2	က	4	5	9	7	8	6

By. Derrick V. Haynes	ECS Southeast, LLC
Detention pond wall foundation.	

Location:

From:

ECS Mailroom [ecsmailroom10@ecslimited.com]

Sent:

Thursday, January 18, 2007 8:25 AM

To:

istamps@co.dekalb.ga.us; abmartin@co.dekalb.ga.us; danderson@silvermancpm.com;

dsanders@imwilkerson.com; martiw@altamiradesign.com

Subject:

ECS E-Mail: Brook Run Skate Park Field Reports Sent: 01/18/2007

Attachments:

M00111647M.pdf



Attached are: Brook Run Skate Park Field Reports

Report Number/s included: 4, 5

If you have any questions or concerns regarding this report, DO NOT REPLY TO THIS AUTOMATED E-MAIL.
Please contact:

Guido Reyes, E.I.T. Project Engineer

Direct Line: 678.460.5445 Main Number: 770.419.0745

E-Mail: mailto:GReyes@ecslimited.com

OR

Thomas Dobras, P.E.

Construction Services Manager

Main Number: 770.419.0745 Extension: 5444

E-Mail: mailto:TDobras@ecslimited.com

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1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

### LETTER OF TRANSMITTAL

January 18, 2007

Dekalb County Purchasing & Contracting 1300 Commerce Drive Maloof Center - Room 303 Decatur, GA 30030

ATTN: James Stamps, Jr.

RE: Brook Run Skate Park

ECS Job # 10:4439

Permits:

Location:

4770 North Peachtree Road

Dunwoody, GA

We are enclosing:

X Materials Engineering Division Reports

X For your use

X As requested

CC: Altamira Design and Common Sense, Inc. - Marti Watts

J.M. Wilkerson Const. Co. - Dan Sanders

Dekalb County Development Dept. - Andre B. Martin

United Grading & Excavating Co. - Randy Robison

Dekalb County Park Planning & Developmen - Marvin F. Billups Jr.

Silverman CPM - Dawn Anderson

ENCL:

Field Report # 4

01/15/2007

Field Report # 5

01/16/2007

Thomas Dobras, P.E.

Construction Services Manager

Guido Reyes, E.I.T.

Guida Persil

Project Engineer



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

Project

**Brook Run Skate Park** 

Location

Dunwoody, GA

Client

**Dekalb County Purchasing & Contracting - James** 

Remarks

Trip Charges\*

Chargeable Items

Tolls/Parking\*

Mileage\*

FIELD REPORT

Project No.

10:4439

Report No.

Monday 01/15/2007 Day & Date

1.00

Weather

68°/ Cloudy

On-Site Time

Lab Time 0.00

Travel Time\*

0.00 1.00

Re Obs.Time 0.00

Time of

Total

Arrival Departure

03:15P

04:15P

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to check the reinforcing steel for the retaining wall on the northwest corner of the jobsite. Refer to the attached sketch for location.

Reinforcing steel observed on this date was check with project drawings and specifications(Bec-don Inc/Site Wall/12-20-06/sheet R-1). Reinforcing steel at the above mentioned location still in progress. The contractor informed the undersigned that it will be completed the following date.

<sup>\*</sup> Travel time and mileage will be billed in accordance with the contract.

1

Maintenance Access Rd. 7

- RETAINING WALL

Stephestry Tray Call ENDER Ers leb Humber 4439 Pale 1/15/06



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

**Project** 

**Brook Run Skate Park** 

Location

Dunwoody, GA

Client

**Dekalb County Purchasing & Contracting - James** 

Remarks

Trip Charges\*

Tolls/Parking\*

Mileage\*

Chargeable items

FIELD REPORT

Project No.

10:4439

Report No.

5

Day & Date

Tuesday 01/16/2007

Weather

45°/ Cloudy

On-Site Time Lab Time

0.00

Travel Time\*

0.25 0.00

Total

0.25

Re Obs.Time

0.00

Time of

Arrival Departure

09:00A

09:15A

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to re-check the reinforcing steel for the retaining wall on the northwest corner of the jobsite.

Reinforcing steel observed on this date appears to be in accordance with project drawings and specifications(Bec-don Inc/Site Wall/12-20-06/sheet R-1).

<sup>\*</sup> Travel time and mileage will be billed in accordance with the contract.

From: ECS Mailroom [ecsmailroom10@ecslimited.com]

Sent: Friday, January 19, 2007 7:48 AM

To: jstamps@co.dekalb.ga.us; abmartin@co.dekalb.ga.us; danderson@silvermancpm.com;

dsanders@imwilkerson.com; martiw@altamiradesign.com

Subject: ECS E-Mail: Brook Run Skate Park Concrete Break Reports Sent: 01/19/2007

Attachments: C00111754M.pdf



Attached are: Brook Run Skate Park Concrete Break Reports

Report Number/s included: 1, 2

If you have any questions or concerns regarding this report, DO NOT REPLY TO THIS AUTOMATED E-MAIL. Please contact:

Guido Reyes, E.I.T. Project Engineer

Direct Line: 678.460.5445 Main Number: 770.419.0745

E-Mail: mailto:GReyes@ecslimited.com

OR

Thomas Dobras, P.E.

Construction Services Manager

Main Number: 770.419.0745 Extension: 5444

E-Mail: mailto:TDobras@ecslimited.com

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### CONCRETE, GROUT, AND MORTAR TESTS LETTER OF TRANSMITTAL

TO: Dekalb County Purchasing & Contracting

1300 Commerce Drive Maloof Center - Room 303 Decatur, GA 30030

ATTN:

James Stamps, Jr.

JOB NO.: 004439

DATE: 01/19/2007

RE: Brook Run Skate Park

PERMIT #:

LOCATION:

4770 North Peachtree Road, Dunwoody, GA

**DeKalb County County** 

We are enclosing:

X Attached

For Your Use X

Materials Engineering Division Concrete Reports:

As Requested X

1, 2

CC: Altamira Design and Common Sense, Inc. - Marti Watts

J.M. Wilkerson Const. Co. - Dan Sanders

Dekalb County Development Dept. - Andre B. Martin Dekalb County Park Planning & Developmen - Marvin F. Billups Jr. Silverman CPM - Dawn Anderson

By:

Thomas Dobras, P.E.

Construction Services Manager

Guido Reyes, E.I.T. Project Engineer

Guido J. Rey L



ECS Southeast, LLC 1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971

**Concrete Cylinders Strength Report** 

Project: 4439

Set Designation:

Cast Date:

Report No.:

01/11/2007

Design Strength:

3000 psi

1

Project:

Owner:

Brook Run Skate Park

Location:

4770 North Peachtree Road, Dunwoody, GA

Client:

Dekalb County Purchasing &

Arch.:

Dekalb County Park Planning & Altamira Design and Common Sense, Inc. -

Gen. Contr.:

Conc. Contr.:

Struc. Eng.:

Placement Location: Footings for site wall

Concrete Supplier: Ready Mix USA

Mix Designation: 65F30EWJ

Truck No: Mix Strength: 3000 psi

1795

Ticket No: Batch Time: 02:05PM

30326733

Added Water:

Time Added:

Unit Wt.:

FIELD TEST DATA: Tested by: Derrick V. Haynes

Temperature - Air:

50° F

Time Sampled:03:20PM

Slump: 5.00 in.

Concrete:

60° F

Air Content:

Sample No	Test Date	Test Age	Type Cure	Diameter In.	Area In.²	Breaking Load,1bs	Compr. Str.,psi	Brk Typ	Break by	Review by
61280	01/18/2007	7	Lab	4.00	12.56	43830	3490			GR01
61281	02/08/2007	28	Lab	4.00	12.56					
61282	02/08/2007	28	Lab	4.00	12.56					
61283	02/08/2007	28	Lab	4.00	12.56					

Sampling in accordance with (iaw) ASTM C172, except that samples may have been taken from the beginning of the load after a minimum discharge of approximately one cubic yard. Cylinder molding and laboratory curing law ASTM C31, compressive strength test and break type law ASTM C39, slump law C143, air content law ASTM C173 (V) or C231 (P), temperature law ASTM C1064, and unit weight law ASTM C138. Cylinders are tested using unbonded caps law ASTM C1231 or are capped using sulphur mortar law C617. Break Types are classified as: Type 1, 2, 3, 4, 5, or 6 law C39-04a

### FIELD CURING CONDITIONS:

Curing Box X No Curing Box

Insulated Heated

Cooled X Caps

Ice Other

Remarks:

Final Review By: -

GR01

Print Date:

01/19/2007



ECS Southeast, LLC 1281 Kennestone Circle NE Suite 100 Marietta, GA 30066

Project: 4439

Set Designation:

Cast Date:

Report No.:

01/11/2007

Design Strength:

3000 psi

2

Project: Brook Run Skate Park

Location: 4770 North Peachtree Road, Dunwoody, GA

Client:

Dekalb County Purchasing &

**Concrete Cylinders Strength Report** 

Arch.: Struc. Eng.:

Owner:

Altamira Design and Common Sense, Inc. -

Dekalb County Park Planning &

Gen. Contr.:

Conc. Contr.:

Placement Location: Footings for site wall

Concrete Supplier: Ready Mix USA

1795 Truck No:

Ticket No:

30326744

Mix Designation: 65F30EWJ

Mix Strength: 3000 psi

Batch Time: 03:56PM

Added Water:

Time Added:

Unit Wt.:

FIELD TEST DATA: Tested by: Derrick V. Haynes

Time Sampled:04:33PM

Slump: 6.00 in.

Temperature - Air:

45° F

Concrete:

60° F

Air Content:

Sample No	Test Date	Test Age	Type Cure	Diameter In.	Area In.²	Breaking Load,lbs	Compr. Str.,psi	Brk Typ	Break by	Review by
61284	01/18/2007	7	Lab	4.00	12.56	44330	3530			GR01
61285	02/08/2007	28	Lab	4.00	12.56					
61286	02/08/2007	28	Lab	4.00	12.56					
61287	02/08/2007	28	Lab	4.00	12.56					

Sampling in accordance with (iaw) ASTM C172, except that samples may have been taken from the beginning of the load after a minimum discharge of approximately one cubic yard. Cylinder molding and laboratory curing iaw ASTM C31, compressive strength test and break type iaw ASTM C39, slump iaw C143, air content iaw ASTM C173 (V) or C231 (P), temperature iaw ASTM C1064, and unit weight iaw ASTM C138. Cylinders are tested using unbonded caps iaw ASTM C1231 or are capped using sulphur mortar iaw C617. Break Types are classified as: Type 1, 2, 3, 4, 5, or 6 iaw C39-04a

### FIELD CURING CONDITIONS:

Curing Box

Insulated

Cooled

Ice

X No Curing Box

Heated

X Caps

Other

Remarks:

Final Review By: -

**GR01** 

Print Date:

01/19/2007

From:

ECS Mailroom [ecsmailroom10@ecslimited.com]

Sent:

Friday, January 19, 2007 2:23 PM

To:

jstamps@co.dekalb.ga.us; abmartin@co.dekalb.ga.us; danderson@silvermancpm.com;

dsanders@imwilkerson.com; martiw@altamiradesign.com

Subject:

ECS E-Mail: Brook Run Skate Park Field Reports Sent: 01/19/2007

Attachments:

M00111770M.pdf



Attached are: Brook Run Skate Park Field Reports

Report Number/s included: 6

If you have any questions or concerns regarding this report, DO NOT REPLY TO THIS AUTOMATED E-MAIL. Please contact:

Guido Reyes, E.I.T. Project Engineer

Direct Line: 678.460.5445 Main Number: 770.419.0745

E-Mail: mailto:GReyes@ecslimited.com

OR

Thomas Dobras, P.E.

Construction Services Manager

Main Number: 770.419.0745 Extension: 5444

E-Mail: mailto:TDobras@ecslimited.com

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### ECS Southeast, LLC 1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

### LETTER OF TRANSMITTAL

January 19, 2007

Dekalb County Purchasing & Contracting 1300 Commerce Drive Maloof Center - Room 303 Decatur, GA 30030

ATTN: James Stamps, Jr.

RE: Brook Run Skate Park

ECS Job # 10:4439

Permits:

Location: 4770 North Peachtree Road

Dunwoody, GA

We are enclosing:

X Materials Engineering Division Reports

X For your use

X As requested

CC: Altamira Design and Common Sense, Inc. - Marti Watts

J.M. Wilkerson Const. Co. - Dan Sanders

Dekalb County Development Dept. - Andre B. Martin

United Grading & Excavating Co. - Randy Robison

Dekalb County Park Planning & Developmen - Marvin F. Billups Jr.

Silverman CPM - Dawn Anderson

ENCL:

Field Report # 6

01/18/2007

Thomas Dobras, P.E.

Construction Services Manager

Luis Ponce, BSCE

Senior Project Manager



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

**Project** 

**Brook Run Skate Park** 

Location

Dunwoody, GA

Client

**Dekalb County Purchasing & Contracting - James** 

Remarks

Trip Charges\*

Tolls/Parking\*

Mileage\*

Chargeable Items

FIELD REPORT

Project No.

10:4439

Report No.

6

Day & Date

Thursday 01/18/2007

Weather

37°/ Rain

On-Site Time

5.25

Lab Time

0.00

Travel Time\*

0.00

Total

5.25 0.00

Re Obs.Time **0**Time of Arrival

al Departure

07:45A 01:00P

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to observe the installation of reinforcing steel for the proposed site/detention pond wall. Refer to the attached sketch.

Reinforcing steel observed on this date appeared to be placed in accordance with project drawings and specifications (Bec-don Inc/Site Wall/12-20-06/sheet R-1).

Upon review of the reinforcing steel, the undersigned also observed the placement of 27 cubic yards of 3,000 psi concrete for the aforementioned site wall. The required test limits were determined to be a slump of 4 to 6 inches, and concrete temperature range of 50 to 90 degrees Fahrenheit.

The concrete observed on this date appeared to be placed in compliance with project specifications with regard to temperature, slump.

The following samples were obtained for compressive strength testing in our laboratory: One (1) set of 4 lab cylinders (3,000 psi) for walls (Set A).

<sup>\*</sup> Travel time and mileage will be billed in accordance with the contract.

· SAMPLE SETA SITE WALL FOOTING

Skak Pa-k 4439 1-18-06



# **Concrete Summary Report**

Project: Brook Run Skate Park

Location: 4770 North Peachtree Road
Dunwoody, - DeKalb County - GA 30038Contractor: None Listed

Supplier:

Project No. 4439

Page 1

Day/Date: 01/18/07

Client: Dekalb County

Weather / Temp: Rain / 37

I ocation and Remarks	Location and remains	*
Water	Added	
Concrete	Temp.	20
% Air	ווע מי	
Clump	Simily	5.50
ruck Time	Finish	11:45
Trucl	Arrive	11:15
Batch	Time	10:04
CY Concrete	Cum	6
CY Co	Truck	0.6
Ticket	No.	30326926
Truck	No.	203
Ž	IAO.	

By: Derrick V. Haynes

Site wall

Location:

ECS Southeast, LLC

From:

ECS Mailroom [ecsmailroom10@ecslimited.com]

Sent:

Thursday, January 25, 2007 5:50 PM

To:

jstamps@co.dekalb.ga.us; abmartin@co.dekalb.ga.us; danderson@silvermancpm.com;

dsanders@jmwilkerson.com; martiw@altamiradesign.com

Subject:

ECS E-Mail: Brook Run Skate Park Concrete Break Reports Sent: 01/25/2007

Attachments:

C00111946M.pdf



Attached are: Brook Run Skate Park Concrete Break Reports

Report Number/s included: 3

If you have any questions or concerns regarding this report, DO NOT REPLY TO THIS AUTOMATED E-MAIL.
Please contact:

Guido Reyes, E.I.T. Project Engineer

Direct Line: 678.460.5445 Main Number: 770.419.0745

E-Mail: mailto:GReyes@ecslimited.com

OR

Thomas Dobras, P.E.

Construction Services Manager

Main Number: 770.419.0745 Extension: 5444

E-Mail: mailto:TDobras@ecslimited.com

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ECS Southeast, LLC 1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

### CONCRETE, GROUT, AND MORTAR TESTS LETTER OF TRANSMITTAL

TO: Dekalb County Purchasing & Contracting

1300 Commerce Drive Maloof Center - Room 303 Decatur, GA 30030

ATTN:

James Stamps, Jr.

JOB NO.: 004439

DATE: 01/25/2007

RE: Brook Run Skate Park

PERMIT #:

LOCATION:

4770 North Peachtree Road, Dunwoody, GA

**DeKalb County County** 

We are enclosing:

 $\mathbf{X}$ Attached

For Your Use X

 $\mathbf{X}$ Materials Engineering Division Concrete Reports:  $\mathbf{X}$ As Requested

3

CC: Altamira Design and Common Sense, Inc. - Marti Watts

J.M. Wilkerson Const. Co. - Dan Sanders

Dekalb County Development Dept. - Andre B. Martin Dekalb County Park Planning & Developmen - Marvin F. Billups Jr.

Silverman CPM - Dawn Anderson

By:

Thomas Dobras, P.E.

Construction Services Manager

Luis Ponce, BSCE Senior Project Manager

A



ECS Southeast, LLC 1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971

**Concrete Cylinders Strength Report** 

Project: 4439

Set Designation:

Cast Date:

01/18/2007

Design Strength:

3000 psi

Project: Location: Brook Run Skate Park

4770 North Peachtree Road, Dunwoody, GA

Report No.:

3

Owner:

Dekalb County Park Planning &

Client:

Dekalb County Purchasing &

Arch.: Struc. Eng.:

Altamira Design and Common Sense, Inc. -

Gen. Contr.:

Conc. Contr.:

Placement Location: Detention pond wall

Concrete Supplier: Ready Mix USA

Truck No: 203 Ticket No:

30326926

Mix Designation: 65F30EWJ

Mix Strength: 3000 psi

Batch Time: 10:04AM

Added Water:

Time Added:

Unit Wt.:

FIELD TEST DATA: Tested by: Derrick V. Haynes

Temperature - Air:

37° F

Time Sampled:11:21AM

Slump: 5.50 in.

50° F Concrete:

Air Content:

Sample No	Test Date	Test Age	Type Cure	Diameter In.	Area In.²	Breaking Load,lbs	Compr. Str.,psi	Brk Typ	Break by	Review by
61478	01/25/2007	7	Lab	6.00	28.27	91640	3240			LAP
61479	02/15/2007	28	Lab	6.00	28.27					
61480	02/15/2007	28	Lab	6.00	28.27					
61481	02/15/2007	28	Lab	6.00	28.27					

Sampling in accordance with (iaw) ASTM C172, except that samples may have been taken from the beginning of the load after a minimum discharge of approximately one cubic yard. Cylinder molding and laboratory curing iaw ASTM C31, compressive strength test and break type iaw ASTM C39, slump iaw C143, air content iaw ASTM C173 (V) or C231 (P), temperature iaw ASTM C1064, and unit weight iaw ASTM C138. Cylinders are tested using unbonded caps iaw ASTM C1231 or are capped using sulphur mortar iaw C617. Break Types are classified as: Type 1, 2, 3, 4, 5, or 6 iaw C39-04a

### FIELD CURING CONDITIONS:

X Curing Box No Curing Box

Insulated Heated

Cooled X Caps

Ice Other

Remarks:

Final Review By: -

From:

ECS Mailroom [ecsmailroom10@ecslimited.com]

Sent:

Thursday, January 25, 2007 5:50 PM

To:

jstamps@co.dekalb.ga.us; abmartin@co.dekalb.ga.us; danderson@silvermancpm.com;

dsanders@jmwilkerson.com; martiw@altamiradesign.com

Subject:

ECS E-Mail: Brook Run Skate Park Field Reports Sent: 01/25/2007

Attachments:

M00111901M.pdf



Attached are: Brook Run Skate Park Field Reports

Report Number/s included: 7

If you have any questions or concerns regarding this report, DO NOT REPLY TO THIS AUTOMATED E-MAIL. Please contact:

Guido Reyes, E.I.T. Project Engineer

Direct Line: 678.460.5445 Main Number: 770.419.0745

E-Mail: mailto:GReyes@ecslimited.com

OR

Thomas Dobras, P.E.

Construction Services Manager

Main Number: 770.419.0745 Extension: 5444

E-Mail: mailto:TDobras@ecslimited.com

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1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

### LETTER OF TRANSMITTAL

January 25, 2007

Dekalb County Purchasing & Contracting 1300 Commerce Drive Maloof Center - Room 303 Decatur, GA 30030

ATTN: James Stamps, Jr.

RE: Brook Run Skate Park

ECS Job # 10:4439

Permits:

Location: 4770 North Peachtree Road

Dunwoody, GA

We are enclosing:

X Materials Engineering Division Reports

X For your use

X As requested

CC: Altamira Design and Common Sense, Inc. - Marti Watts

J.M. Wilkerson Const. Co. - Dan Sanders

Dekalb County Development Dept. - Andre B. Martin

United Grading & Excavating Co. - Randy Robison

Dekalb County Park Planning & Developmen - Marvin F. Billups Jr.

Silverman CPM - Dawn Anderson

ENCL:

Field Report # 7

01/22/2007

Thomas Dobras, P.E.

Construction Services Manager

Luis Ponce, BSCE Senior Project Manager



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

**Project** 

**Brook Run Skate Park** 

Location

Dunwoody, GA

Client

**Dekalb County Purchasing & Contracting - James** 

Remarks

Trip Charges\*

Tolls/Parking\*

Mileage\*

Chargeable Items

FIELD REPORT

Project No.

10:4439

Report No.

7

Day & Date

Monday 01/22/2007

Weather

46°/ Cloudy

On-Site Time

Lab Time 0.00

Travel Time\*

4.00

4.00

0.00

Re Obs.Time 0.00

Time of

Total

Arrival Departure

11:15A 03:15P

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to observe the placement and compaction of fill soil along storm drainage No 3.

Utilizing the calibrated drive sleeve method to check the compaction of soils, test results indicated that, except for field density test No 3, the compacted materials, at the areas and elevations tested, met or exceeded the project requirements of 95% of the maximum dry density as obtained in our laboratory by using the standard proctor method (ASTM D-698).

### Engineer's note:

Any failing area should be recompacted and retested to confirm that proper field densification has been achieved. Retesting should be scheduled after additional compaction is completed.

By Dan Comer 1700

<sup>\*</sup> Travel time and mileage will be billed in accordance with the contract.

## SOUTHEAST

## ECS SOUTHEAST, LLC

### Drive Tube Method Field Density Report

Project: Brook Run Skate Park

Location: Dunwoody

Client: Dekalb County Purchasing & Contracting

Project No. 4439

Day/Date: 01/22/07 Monday

Weather / Temp: 46 °F

Permits:

The undersigned arrived on site, as requested, to perform compaction testing on soils utilizing the Drive Tube Method (ASTM D-2937).

The locations and results of the tests performed on this date are as follows:

These results are preliminary until signed by an ECS Engineer, Field data, locations, and depths are estimates.

Sample: 1	Description: Orange Brown SANDY SILT	SANDY SII	T	Proctor	Proctor Method: Standard	Standard	Ch	corrected M	lax. Densit	Uncorrected Max. Density: 106.40 pcf	pcf	Uncorrected Opt. MC:	Opt. MC:	15.70	%
	Test Location	Depth from Subgrade	Tube & Soil Weight	Tube Weight	Soil Weight	Tube Volume	Wet Unit Weight	Wet Weight	Dry Weight	Moisture	Dry Unit Weight	Proctor Number	Actual %	Spec. %	Pass or Fail
												1			

\*reobservation

Additional comments:

Print Name: Dan Comer

ECS SOUTHEAST, LLC



## ECS SOUTHEAST, LLC

### Field Density Report **Drive Tube Method**

Project: Brook Run Skate Park

Location: Dunwoody

Client: Dekalb County Purchasing & Contracting

Project No. 4439

Day/Date: 01/22/07 Monday

Weather / Temp: 46 °F

Permits:

The undersigned arrived on site, as requested, to perform compaction testing on soils utilizing the Drive Tube Method (ASTM D-2937).

The locations and results of the tests performed on this date are as follows:

These results are preliminary until signed by an ECS Engineer, Field data, locations, and depths are estimates.

Sample: 2	le: 2 Description: Orange Brown Silty Clay	n Silty Clay		Proctor	Proctor Method: Standard	Standard	Cn	corrected N	Uncorrected Max. Density:	7: 93.60	pcf L	93.60 pcf Uncorrected Opt. MC: 24.10	Opt. MC:	24.10	%
Test No.	Test Location	Depth from Subgrade	Tube & Soil Weight	Tube Weight	Soil Weight	Tubc Volume	Wet Unit Weight	Wet Weight	Dry Weight	Moisture	Dry Unit Weight	Proctor Number	Actual %	Spec.	Pass or Fail
<b> </b> _	5 ft N & 20 ft E of Drop Inlet DI-3	-10.00 2383	2383	625.7	1758	15.12	116.2 200.00 154.00 29.8	200.00	154.00	29.8	89.4	2	95.5	92	۵
	5 ft N & 30 ft E of Drop Inlet DI-3	-10.00 2400	2400	622.6	1777	15.12	117.2	199.70	199.70 150.90	32.3	88.5	2	94.6	92	۵
٦_	5 ft N & 40 ft E of Drop Inlet DI-3	-10.00 2310	2310	629.9	1680	15.12	111.1 200.00 153.20 30.5	200.00	153.20	30.5	85.1	2	6.06	92	IL.

\*reobservation

Additional comments:

Dan Comer Print Name:

ECS SOUTHEAST, LLC

From:

ECS Mailroom [ecsmailroom10@ecslimited.com]

Sent:

Tuesday, January 30, 2007 11:23 AM

To:

jstamps@co.dekalb.ga.us; abmartin@co.dekalb.ga.us; danderson@silvermancpm.com;

dsanders@jmwilkerson.com; martiw@altamiradesign.com

Subject:

ECS E-Mail: Brook Run Skate Park Field Reports Sent: 01/30/2007

Attachments:

M00112034M.pdf



Attached are: Brook Run Skate Park Field Reports

Report Number/s included: 9

If you have any questions or concerns regarding this report, DO NOT REPLY TO THIS AUTOMATED E-MAIL. Please contact:

Guido Reyes, E.I.T. Project Engineer

Direct Line: 678.460.5445 Main Number: 770.419.0745

E-Mail: mailto:GReyes@ecslimited.com

OR

Thomas Dobras, P.E.

Construction Services Manager

Main Number: 770.419.0745 Extension: 5444

E-Mail: mailto:TDobras@ecslimited.com

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\*\*If you see the \*\*NC\*\* symbol in your subject line, one of the attached reports has a non-compliance issue.\*\* The \*\*NC\*\* symbol is not intended to replace the need to review each field report, but rather to act as a means of sorting multiple emails.



### ECS Southeast, LLC 1281 Kennestone Circle NE Suite 100

Marietta, GA 30066 (770) 590-1971 (770) 590-1975

### LETTER OF TRANSMITTAL

January 30, 2007

Dekalb County Purchasing & Contracting 1300 Commerce Drive Maloof Center - Room 303

Decatur, GA 30030

ATTN: James Stamps, Jr.

RE: Brook Run Skate Park

ECS Job # 10:4439

Permits:

Location: 4770 North Peachtree Road

Dunwoody, GA

We are enclosing:

X Materials Engineering Division Reports

X For your use

X As requested

CC: Altamira Design and Common Sense, Inc. - Marti Watts

J.M. Wilkerson Const. Co. - Dan Sanders

Dekalb County Development Dept. - Andre B. Martin

United Grading & Excavating Co. - Randy Robison

Dekalb County Park Planning & Developmen - Marvin F. Billups Jr.

Silverman CPM - Dawn Anderson

ENCL:

Field Report # 9

01/25/2007

Thomas Dobras, P.E.

Construction Services Manager

Guido Reyes, E.I.T.

Guido J. Ry.

Project Engineer



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

Project

**Brook Run Skate Park** 

Location

Dunwoody, GA

Client

**Dekalb County Purchasing & Contracting - James** 

Remarks

Trip Charges\*

Tolls/Parking\*

Mileage\*

Chargeable Items

FIELD REPORT

Project No.

10:4439

Report No.

Day & Date

Thursday 01/25/2007

Weather

44°/ Sunny

On-Site Time

8.75 0.00

Lab Time

Travel Time\*

0.00

Total

8.75 0.00

Arrival

Re Obs.Time

Time of

Departure

07:45A 04:30P

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to observe the placement and compaction of soils for stormed drain #3 and building pad area.

Utilizing the drive sleeve test method to check the compaction of soils, test results indicated that the compacted material, at the areas and elevations tested, met or exceeded the project requirements of 95 percent of the maximum dry density as obtained in our laboratory using the standard proctor method. Locations and elevations of all tests are based on stakeout provided by others. We cannot be responsible for structures located off of the observed engineered pad, misaligned utilities or stakeout errors causing uncontrolled fill to be placed in structural areas.

The soils observed on this date appeared to be placed in accordance with project drawings and specifications with regard to lift thickness and moisture content.

In addition, the contractor continue with the scarifying activities at the parking lot areas.

<sup>\*</sup> Travel time and mileage will be billed in accordance with the contract.

# ECS SOUTHEAST, LLC



Field Density Report **Drive Tube Method** 

Project: Brook Run Skate Park

Location: Dunwoody

Client: Dekalb County Purchasing & Contracting

Project No. 4439

Day/Date: 01/25/07 Thursday

Weather / Temp: 44 °F Sunny

Permits:

The undersigned arrived on site, as requested, to perform compaction testing on soils utilizing the Drive Tube Method (ASTM D-2937). The locations and results of the tests performed on this date are as follows:

-	These r	These results are preliminary until signed by an ECS Engineer, Field data, locations, and	Field data, lo	cations, and	depths are estimates.	estimates.										
Š	Sample: 2	Description:	Micaceous S	Silty Pro	octor Metho	od: Standar	d Proctor M		Incorrected	Uncorrected Max. Density: 93.60 pcf Uncorrected Opt. MC: 24.10	ity: 93.6	0 pcf	Uncorrected	Opt. MC	24.10	%
<u> </u>	F	CLAI	Depth		Tube	6.53	TF.	Wet	11/24			Dry		Aotrol	Space	Pass
	No.	Test Location	from Subgrade	Tube & Soil	Weight	Weight	Volume	Unit Weight	Weight	Weight	Moisture	Unit Weight	Number	%	%	or Fail
<u> </u>				Weight												
	-	5'n+25e of drop inlet DI3 along pipe #3"5'n +25e of drop inlet	10.00	2348	626.6	1721 15.12	15.12	113.8 200.00 159.00 25.7	200.00	159.00	25.7	90.4	2	96.6	92	Ь
	2	5'n+35e of drop inlet DI3 along pipe#3	10.00	2351	623.5	1727	15.12	114.2	200.00	114.2 200.00 159.50 25.3	25.3	91.0	2	97.3	92	Р
	3	5'n+45e of drop inlet DI3 along pipe #3	10.00 2374	2374	631.4	1743	15.12	115.3 200.00 159.60 25.3	200.00	159.60	25.3	92.0	2	98.3	92	<u> </u>

<sup>\*</sup>reobservation

Additional comments:

Dan Comer Print Name:

### SOUTHEAST

# ECS SOUTHEAST, LLC

### Field Density Report **Drive Tube Method**

Project: Brook Run Skate Park

Location: Dunwoody

Client: Dekalb County Purchasing & Contracting

Project No. 4439

Day/Date: 01/25/07 Thursday

Weather / Temp: 44 °F Sunny

Permits:

The undersigned arrived on site, as requested, to perform compaction testing on soils utilizing the Drive Tube Method (ASTM D-2937).

The locations and results of the tests performed on this date are as follows:

	۵	۵
	95	98
	98.0	97.3
	2	2
	91.7	91.1
	26.2	25.7
	200.00 158.40	200.00 159.00
	115.9	114.6
	15.12	15.12
estimates.	1752	1733
d deptns are	626.6	626.6
Ē	0.00 2378	2360
r, Field data,	00.00	00.00
nese results are preliminary until signed by an ECS Engineer, Freid data, locations, a	10's+5'w NE.corner bldg pad	5'n+15'e SW. corner building pad
l bese i	4	2

\*reobservation

Additional comments:

Dan Comer Print Name:

### Stamps, James

From:

ECS Mailroom [ecsmailroom10@ecslimited.com]

Sent:

Tuesday, January 30, 2007 4:39 PM

To:

jstamps@co.dekalb.ga.us; abmartin@co.dekalb.ga.us; danderson@silvermancpm.com;

dsanders@jmwilkerson.com; martiw@altamiradesign.com

Subject:

ECS E-Mail: Brook Run Skate Park Field Reports Sent: 01/30/2007

Attachments:

M00112037M.pdf



Attached are: Brook Run Skate Park Field Reports

Report Number/s included: 8, 10, 11

If you have any questions or concerns regarding this report, DO NOT REPLY TO THIS AUTOMATED E-MAIL. Please contact:

Guido Reyes, E.I.T. Project Engineer

Direct Line: 678.460.5445 Main Number: 770.419.0745

E-Mail: mailto:GReyes@ecslimited.com

OR

Thomas Dobras, P.E.

Construction Services Manager

Main Number: 770.419.0745 Extension: 5444

E-Mail: mailto:TDobras@ecslimited.com

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The information contained in this message and any documents, files, or other messages included or attached, are the confidential work product of ECS, Ltd. If the reader is not the intended recipient, or a person responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this message, or any attachments to this message, is strictly prohibited. If you have received this message in error, please notify the sender immediately and delete this message and any attachments from your computer systems. Thank you for your assistance.



ECS Southeast, LLC 1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

### LETTER OF TRANSMITTAL

January 30, 2007

Dekalb County Purchasing & Contracting 1300 Commerce Drive Maloof Center - Room 303 Decatur, GA 30030

ATTN: James Stamps, Jr.

RE: Brook Run Skate Park

ECS Job # 10:4439

Permits:

Location: 4770 North Peachtree Road

Dunwoody, GA

We are enclosing:

X Materials Engineering Division Reports

X For your use

X As requested

CC: Altamira Design and Common Sense, Inc. - Marti Watts

J.M. Wilkerson Const. Co. - Dan Sanders

Dekalb County Development Dept. - Andre B. Martin

United Grading & Excavating Co. - Randy Robison

Dekalb County Park Planning & Developmen - Marvin F. Billups Jr.

Silverman CPM - Dawn Anderson

ENCL:

Field Report # 8

01/24/2007

Field Report # 10

01/26/2007

Field Report # 11

01/27/2007

Thomas Dobras, P.E.

Construction Services Manager

Luis Ponce, BSCE

Senior Project Manager



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

Project

**Brook Run Skate Park** 

Location

Dunwoody, GA

Client

**Dekalb County Purchasing & Contracting - James** 

Remarks

Trip Charges\*

Chargeable Items

Tolls/Parking\*

Mileage\*

FIELD REPORT

Project No.

10:4439

Report No.

8

Day & Date Wednesday 01/24/2007 Weather

42°/ Sunny

9.00

On-Site Time

Lab Time 0.00

Travel Time\* 0.00

Total 9.00

Re Obs.Time 0.00

Time of Arrival Departure

> 05:00P 08:00A

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived, as requested, to observe the site work activities. The following was noted:

The undersigned met with Mr. Glenn Bufford to discuss grading issues related to the parking lot fill soils material. These soils were found with excess moisture attributable to recent rain showers in the area.

Moisture checks were performed in various locations of the above indicated areas, with results typically above optimum moisture content. Results averaged 25.4%, or approximately 9% above the optimum soil moisture content of 16%. The contractor initial step to mitigate the moisture problem was to scarified the soil surface, in order to allow the soils to aerate and dry.

The undersigned also observed the site contractor grading (cutting) the building pad areas down to the required subgrade elevation, while the pipe crew excavated a trench along pipe line #3. A soil sample was obtained and returned to the ECS lab for soil laboratory testing.

The undersigned also observed a proofroll being performed on the proposed building pad area. The proofroll test was completed using a 20-ton double axle dump truck. After removal of 6 to 8 inches of soft soils from the building pad surface, this area was considered firm and unyielding.

<sup>\*</sup> Travel time and mileage will be billed in accordance with the contract.

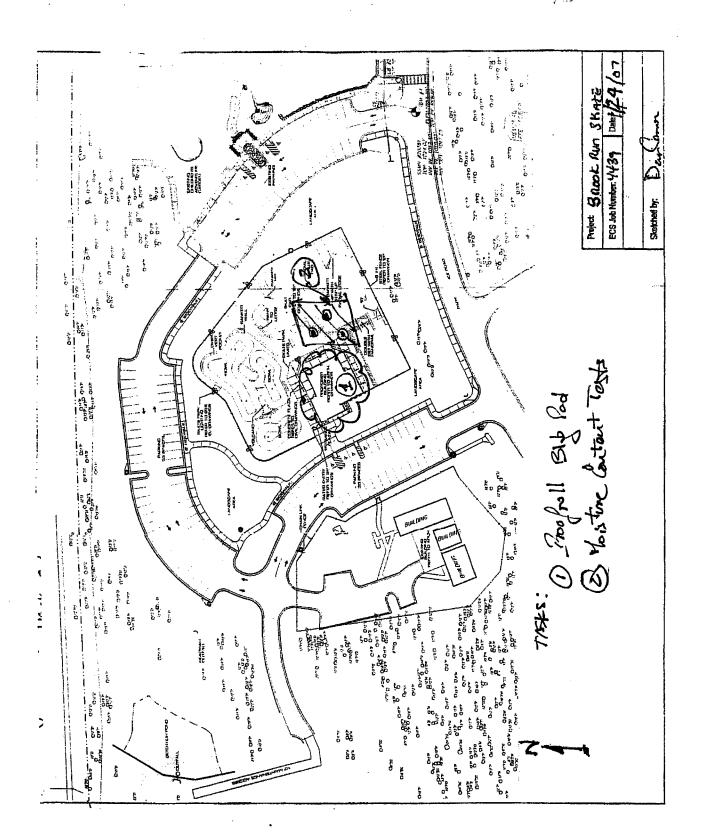


Engineering Consulting Services, Ltd. 1800 Sandy Plains Road, Suite 208
Marietta, Georgia 30066

### Calibrated Drive Sleeve Field Density Determination

Tested For:	Moisture Conten	<u>+</u>	Project:	Brook	e Run	Skate	
Date:	1/24/07	- · · · · · · · · · · · · · · · · · · ·	Project No.:	4439			
Test Number			1 193	2	. 4.		
Wet Unit Wei	cht of Soil		- 1 3 - Y Sage	Gr - 3 1 - 3	<del>- Y</del> -	5	6
A. Wet Weight B. Weight of S C. Wet Weight	t of Sample & Sleeve, grams leeve, grams t of Sample (A-B), grams		33.				
Moisture Con	y of Sample (C/15.12), pcf	<b>4</b> ,					
E. Wet Weight F. Dry Weight	t of Soil & Tare, grams of Soil & Tare, grams	4779	4779	4775	477.9	477.9	477.9
G. Weight of V H. Tare Weigh	Vater (E-F), grams	277.9	41.1	40.6	34.6	271.9	277.9
J. Moisture Co	of Soil (F-H), grams ontent (G/l)100, %	159.2	158.9 25.9	159.4	74.7	159.5	159.5
Dry Unit Welg	jht of Soil				72 m		Markey Mark
	eight (D/(1+J/100))						
Percent Com		A State of		्रक्ष्मिक्षेत्रके । इ.स.च्या	,这 <sup>是</sup> 管理基本	a servicina	I STAN SE
L. Maximum D M. Percent Co	ory Density, pcf Empaction, %		•				
General Test I Required Com	Location: Droposed Parkinpaction %: Test # 1 - 3	ne lot	+ Bloca	PARD			
Specific Test	Locations			,			
Test Number	Location						
L							
_[	21 16 4 2 1	, o_					

Pz 93.5 @ 242 %





1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

**Project** 

**Brook Run Skate Park** 

Location

Dunwoody, GA

Client

**Dekalb County Purchasing & Contracting - James** 

Remarks

Trip Charges\*

Tolls/Parking\*

Mileage\*

Chargeable Items

FIELD REPORT

Project No.

10:4439

Report No.

10

Day & Date

Friday 01/26/2007

Weather

48°/ Sunny

On-Site Time

9.00 0.00

Lab Time Travel Time\*

0.00

Total

9.00 Re Obs.Time 0.00

Times of Arrival

07:15A 12:00P

Departure

12:30P

04:45P

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to observe the placement and compaction of soils for the building pad area.

Utilizing the drive sleeve test method to check the compaction of soils, test results indicated that the compacted material, at the areas and elevations tested, met or exceeded the project requirements of 95% of the maximum dry density as obtained in our laboratory using the standard proctor method (ASTM D-698).

Locations and elevations of all tests are based on stakeout provided by others. We cannot be responsible for structures located off of the observed engineered pad, misaligned utilities or stakeout errors causing uncontrolled fill to be placed in structural areas. The soils observed on this date appeared to be placed in accordance with project drawings and specifications with regard to lift thickness and moisture content.

Today, the contractor imported an approximate total of 60 loads of fill soils into the site. This material was stockpiled to the north of the proposed parking lot areas.

Also, by the contractor's request, the undersigned performed random moisture content test throughout the site, to monitor the moisture content of the recently placed soils. The tests results indicated the moisture of the soils are in average 6 to 7% higher than the optimum soil moisture contents of 16%.

<sup>\*</sup> Travel time and mileage will be billed in accordance with the contract.

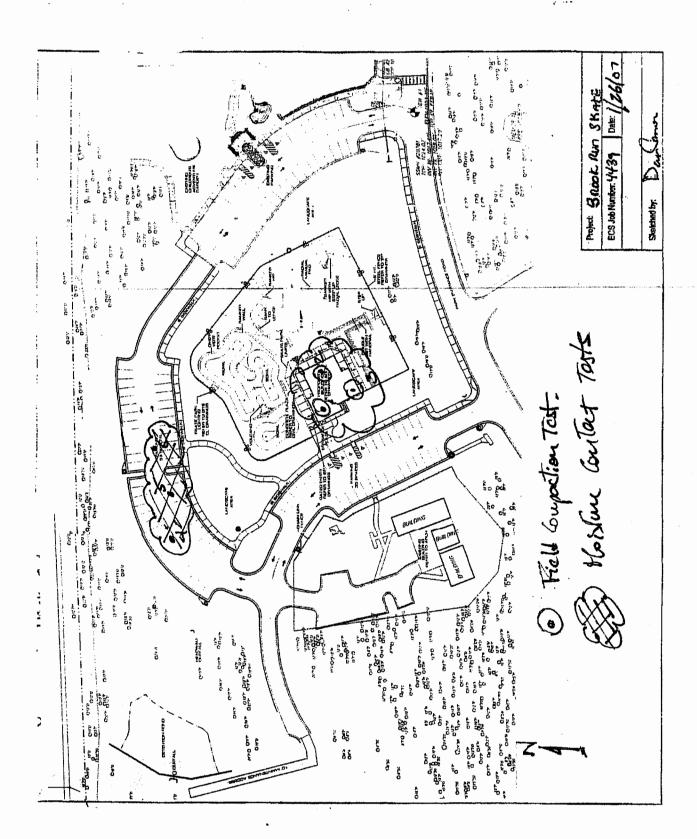


Engineering Consulting Services, Ltd. 1800 Sandy Plains Road, Suite 208 Marietta, Georgia 30066

### Calibrated Drive Sleeve Field Density Determination

Tested For:	Moisture	<del></del>	Project:	Broo	k Ru	n	
Date:	1/26	-	Project No.:	443	9		
Test Number						***************************************	
Wet Unit We	ght of Soil	5.0 (1.1.5 )	/ The Constitution	General Property	etalish i v	Margaret.	741 1 A 1 1
	t of Sample & Sieeve, grams						
B. Weight of S				1			
	et of Sample (A-B), grams						
D. Wet Densit	ly of Sample (C/15.12), pcf						
Moisture Co	ty of Sample (C/15.12), pcf	<b>美女的现在分</b>	galayan rat	VALUE OF THE		राजी सुरक्षा अपि	No.
E. Wet Weigh	t of Soil & Tare, grams	4779	4775	477.9			
F. Dry Weight	of Soil & Tare, grams	438.4	437.6	438.5			
G. Weight of	Water (E-F), grams	39.5	40.3	39.4			
H. Tare Weig	ht, grams	277.9	2779	2779			
I. Dry Weight	of Soil (F-H), grams	160.5	159.7	160.6			
	ontent (G/I)100, %	24.6	75.2	24.5		1	
Dry Unit Wei		Mark Charles				1.100年10日本	digital figures.
K. Dry Unit W	eight (D/(1+J/100))						
Percent Com	paction	gart Libbon to are to	er grown a state of	and single growing		and the state of the state of	are lare je
L. Maximum I	Dry Density, pcf						
M. Percent Co	ompaction, %						
General Test Required Cor Specific Test	npaction %:	107 Ar.	<del>c</del> en				
Test Number							
. 550 175111561	Coodio						
					··		
<del> </del>							
<del></del>	<del></del>						
				<del></del>			
L							

Pi 105.40 166 Pz 93.50 24.20





# ECS SOUTHEAST, LLC

### Field Density Report **Drive Tube Method**

Project: Brook Run Skate Park

Location: Dunwoody

Client: Dekalb County Purchasing & Contracting

Project No. 4439

Day/Date: 01/26/07 Friday

Weather / Temp: 48 °F Sunny

The undersigned arrived on site, as requested, to perform compaction testing on soils utilizing the Drive Tube Method (ASTM D-2937). The locations and results of the tests performed on this date are as follows:

These results are preliminary until signed by an ECS Engineer, Field data, locations, and depths are estimates.

	_		l '			
% 01	Pass	or Fail		۵	Ь	Ь
24.1	Snac	%		92	92	92
d Opt. MC	Actual	%		98.3 95	101.8 95	98.5
Uncorrecte	n.	Number		2	2	2
0 pcf	Dry	Unit Weight		92.0	95.3	92.2
ity: 93.6		Moisture		24.6	26.4	25.3
Uncorrected Max. Density: 93.60 pcf Uncorrected Opt. MC: 24.10 %		Weight		160.40	120.5 200.00 158.20 26.4	115.6 200.00 159.60 25.3
Incorrected	117.04	Weight		200.00	200.00	200.00
	Wet	Unit Weight		114.8 200.00 160.40 24.6	120.5	115.6
d Proctor M	Tube	Volume		15.12	15.12	1748 15.12
od: Standaro	1:03	Weight		1736	1822	1748
octor Metho	F	Weight		626.6	623.5	629.9
ilty Pro		Tube & Soil	Weight	2363	2446	2378
nicaceous S	Depth	from Subgrade		00.00	0.00	00.0
Description	CLAY	Test Location		5'e+10's of NW bidg pad corner	10'w+5'n of SE. bldg pad corner	15'n+5'e of SW bidg pad corner
Sample: 2	E	No.		-	2	3

\*reobservation

Additional comments:

Dan Comer Print Name:



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

Project

**Brook Run Skate Park** 

Location

Dunwoody, GA

Client

**Dekalb County Purchasing & Contracting - James** 

Remarks

Trip Charges\*

Tolls/Parking\*

Mileage\*

Chargeable Items

FIELD REPORT

Project No.

10:4439

Report No.

11

Day & Date

Saturday 01/27/2007

Weather

56°/ Sunny

On-Site Time

Lab Time

0.00

8.25

Travel Time\*

0.00

Total

8.25 0.00

Re Obs.Time
Time of Arr

,,,,

of Arrival
07:15A

Departure 03:30P

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to observe the placement and compaction of soils for pipe line #3.

Utilizing the drive sleeve test method to check the compaction of soils, test results indicated that the compacted material, at the areas and elevations tested, met or exceeded the project requirements of 95 percent of the maximum dry density as obtained in our laboratory using the standard proctor method (ASTM D-698).

Locations and elevations of all tests are based on stakeout provided by others. We cannot be responsible for structures located off of the observed engineered pad, misaligned utilities or stakeout errors causing uncontrolled fill to be placed in structural areas. The soils observed on this date appeared to be placed in accordance with project drawings and specifications with regard to lift thickness and moisture content.

In addition, the undersigned observed the foundation soils for the building continuous footings. Utilizing a dynamic cone penetrometer (ASTM STP-399) to check the bearing capacity of soil at the building pad continuous footings, test results indicated that soils, at the areas and elevations tested, should be capable of supporting a foundation designed for a net allowable bearing capacity of 2500 psf.

<sup>\*</sup> Travel time and mileage will be billed in accordance with the contract.

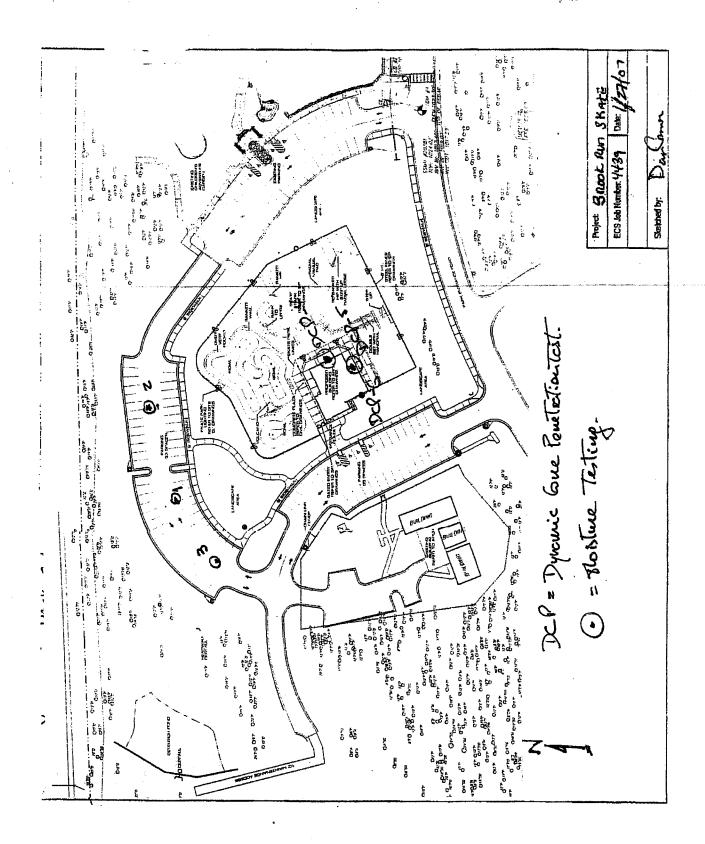


Engineering Consulting Services, Ltd. 1800 Sandy Plains Road, Suite 208
Marietta, Georgia 30066

### Calibrated Drive Sleeve Field Density Determination

Tested For: Moisture Conten	<del>J</del> -	Project:	Bu	ook Ru	m	
Date: 1/27		Project No.;	443	9		
Test Number						
Wet Unit Weight of Soil	[1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.		algegra style 👣 .	Same Same	i, Monaria.	erik ber yer i
A. Wet Weight of Sample & Sleeve, grams			<del></del>			
B. Weight of Sleeve, grams						
C. Wet Weight of Sample (A-B), grams						
D. Wet Density of Sample (C/15.12), pcf						
Moisture Content of Soil			the second	J. P. W.	1. 1. W. S. S.	
E. Wet Weight of Soil & Tare, grams	4779	4779	4779			
F. Dry Weight of Soil & Tare, grams	435.5	438.2	436.1			
G. Weight of Water (E-F), grams	42.4	39,7	41.8			
H. Tare Weight, grams	271.9	277.9	277.9			
I. Dry Weight of Soil (F-H), grams	157.6	1603	128.5			
J. Moisture Content (G/I)100, %	26.6	24.8	26.4		·	
Dry Unit Weight of Soil		in the Australia	<b>的特別教育</b>	A STATE OF THE STA	\$	Kindle and the
K. Dry Unit Weight (D/(1+J/100))						
Percent Compaction	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Control of the first	可消耗。由于自	મુજ કર <b>્યા</b> નો મુખ્યત્વે કે કે	Spring Contraction	A manage con-
L. Maximum Dry Density, pcf		',				
M. Percent Compaction, %					<u> </u>	
General Test Location: Required Compaction %: Specific Test Locations	<u> </u>					
Test Number Location						

P1 105,400 16% P2 93,500 24,20



### SOUTHEAST

# ECS SOUTHEAST, LLC

### Field Density Report **Drive Tube Method**

Project: Brook Run Skate Park

Location: Dunwoody

Client: Dekalb County Purchasing & Contracting

Project No. 4439

Day/Date: 01/27/07 Saturday

Weather / Temp: 56 °F Sunny

Permits:

The undersigned arrived on site, as requested, to perform compaction testing on soils utilizing the Drive Tube Method (ASTM D-2937). The locations and results of the tests performed on this date are as follows:

These results are preliminary until signed by an ECS Engineer, Field data, locations, and depths are estimates.

Sample: 2	Description:	Micaceous S	ilty Pro	ctor Metho	d: Standar	d Proctor M		Uncorrected	Max. Dens	Uncorrected Max. Density: 93.50 pcf Uncorrected Opt. MC: 24.20	bcf	Uncorrected	Opt. MC	24.20	%
F	CLAI	Depth		Ē			Wet	7.77	۵		Dry		A	0	Pass
No.	Test Location	from Subgrade	Tube & Soil	r uoc Weight	Weight	Volume	Unit Weight	Weight	Dry Weight	Moisture	Unit Weight	Number	%	» %	or Fail
			Weight												
	72'n+10'e of SW. bldg pad corner	8.00	2349	626.6	1723	626.6 1723 15.12	113.9 200.00 160.70 24.4	200.00	160.70		91.5	2	97.8 95	95	Д.
2	39'n+10'e of SW. bldg pad corner	8.00	2398	623.5	1775	1775 15.12	117.4 200.00 159.40 25.4	200.00	159.40	25.4	93.5	2	100.0 95	95	_
က	66'w+5's of JB4	8.00	2364	631.4	1733	15.12	631.4 1733 15.12 114.6 200.00 159.80 25.1	200.00	159.80		91.5	2	97.9	92	<u>م</u>

\*reobservation

Additional comments:

Dan Comer Print Name:



# Report of Spread Footing - Foundation Observations

Project: Brook Run Skate Park

Location: 4770 North Peachtree Road

Dunwoody - DeKalb County - GA - 30038-

Day/Date: 01/27/07 Project No. 4439

Contractor: None Listed

			·	
	Design Bearing Pressure			
Required Blow Counts	# of Blows / increment	Sitt (0)9-9-12;(1)10-12-15;(2)1 3-14-16;(3)16-20-22	wn Silt (0)9-10-11;(1)11-11-15;(2) 11-11-14;(3)17-18-21	Silt (0)9-11-13;(1)11-12-14;(2) 15-13-17;(3)17-18-22
	Description of Subgrade Material	Reddish brown Silt	Reddish brown Silt	Reddish brown Silt
	Depth of Description of Indercut (in)			
Footing Bottom Elevation	Depth of Description o Undercut (in) Steel Placed		•	•
Footing Bott	Design	N/A	N/A	V/N
Size (L x W x H)	Actual	× ×	× ×	× ×
Size (I	Design	×	× ×	×
	Location	Continuous footings -East corner bldg	2 Continuous footings - South bldg pad	Continuous footings - South bldg pad (corner)
	Footing Number	-	2	က

By: Dan Comer

ECS Southeast, LLC

### Stamps, James

From:

ECS Mailroom [ecsmailroom10@ecslimited.com]

Sent:

Wednesday, January 31, 2007 4:01 PM

To:

jstamps@co.dekalb.ga.us; abmartin@co.dekalb.ga.us; danderson@silvermancpm.com;

dsanders@jmwilkerson.com; martiw@altamiradesign.com

Subject:

ECS E-Mail: Brook Run Skate Park Field Reports Sent: 01/31/2007

Attachments:

M00112118M.pdf



Attached are: Brook Run Skate Park Field Reports

Report Number/s included: 12, 13, 14

If you have any questions or concerns regarding this report, DO NOT REPLY TO THIS AUTOMATED E-MAIL. Please contact:

Guido Reyes, E.I.T. Project Engineer

Direct Line: 678.460.5445 Main Number: 770.419.0745

E-Mail: mailto:GReyes@ecslimited.com

OR

Thomas Dobras, P.E.

Construction Services Manager

Main Number: 770.419.0745 Extension: 5444

E-Mail: mailto:TDobras@ecslimited.com

You will need Adobe Acrobat Reader to view this file. To download the free reader from Adobe, click on the link below: http://www.adobe.com/prodindex/acrobat/readstep.html

\*\*If you see the \*\*NC\*\* symbol in your subject line, one of the attached reports has a non-compliance issue.\*\* The \*\*NC\*\* symbol is not intended to replace the need to review each field report, but rather to act as a means of sorting multiple emails.

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### ECS Southeast, LLC 1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

### LETTER OF TRANSMITTAL

January 31, 2007

Dekalb County Purchasing & Contracting 1300 Commerce Drive Maloof Center - Room 303 Decatur, GA 30030

ATTN: James Stamps, Jr.

RE: Brook Run Skate Park

ECS Job # 10:4439

Permits:

Location: 4770 North Peachtree Road

Dunwoody, GA

We are enclosing:

X Materials Engineering Division Reports

X For your use

X As requested

CC: Altamira Design and Common Sense, Inc. - Marti Watts

J.M. Wilkerson Const. Co. - Dan Sanders

Dekalb County Development Dept. - Andre B. Martin

United Grading & Excavating Co. - Randy Robison

Dekalb County Park Planning & Developmen - Marvin F. Billups Jr.

Silverman CPM - Dawn Anderson

ENCL:

Field Report # 12

01/30/2007

Field Report # 13

01/29/2007

Field Report # 14

01/29/2007

Thomas Dobras, P.E.

Construction Services Manager

Guido Reyes, E.I.T.

Guido J. Reyn)

Project Engineer



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

**Project** 

**Brook Run Skate Park** 

Location

Dunwoody, GA

Client

**Dekalb County Purchasing & Contracting - James** 

Remarks

Trip Charges\*

Tolls/Parking\*

Mileage\*

Chargeable Items

FIELD REPORT

Project No.

10:4439

Report No.

12

Day & Date

Tuesday 01/30/2007

Weather

41°/ Sunny

On-Site Time

6.00 Lab Time

Travel Time\*

0.000.00

Total

6.00

Re Obs.Time 0.00

Time of

Arrival

Departure

10:15A 04:15P

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived onsite, as requested, to assist ECS technician Joe Parmley with DCP and soil compaction testing at the proposed parking lot. Refer to Mr. Parley's report on this date for more information.

<sup>\*</sup> Travel time and mileage will be billed in accordance with the contract.



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

**Project** 

**Brook Run Skate Park** 

Location

Dunwoody, GA

Client

**Dekalb County Purchasing & Contracting - James** 

FIELD REPORT

Project No.

10:4439

Report No.

13

Day & Date

Monday 01/29/2007

Weather

22°/ Sunny

On-Site Time

0.00

Lab Time
Travel Time\*

0.00

4.00

Total

4.00

Re Obs.Time

0.00

Remarks

Trip Charges\*

Tolls/Parking\*

Mileage\*

Time of A

f Arrival Departure

08:00A 12:00P

Chargeable Items

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to observe the placement and compaction of soils for trench backfill a pipe line #3 located at the northwest of building pad.

Utilizing the calibrated drive sleeve test method (ASTM-2937) to check the compaction of soils, test results indicated that the compacted material, at the areas and elevations tested, met or exceeded the project requirements of 95% of the maximum dry density as obtained in our laboratory using the Standard Proctor Method (ASTM D-698). Locations and elevations of all tests are based on stakeout provided by others. We cannot be responsible for structures located off of the observed engineered pad, misaligned utilities or stakeout errors causing uncontrolled fill to be placed in structural areas.

The soils observed on this date appeared to be placed in accordance with project drawings and specifications with regard to lift thickness and moisture content.

<sup>\*</sup> Travel time and mileage will be billed in accordance with the contract.

## ECS SOUTHEAST, LLC

### Field Density Report **Drive Tube Method**

Project: Brook Run Skate Park

SOUTHEAST

Location: Dunwoody

Client: Dekalb County Purchasing & Contracting

Permits:

Project No. 4439

Day/Date: 01/29/07 Monday

Weather / Temp: 22 °F Sunny

The locations and results of the tests performed on this date are as follows: These results are preliminary until signed by an ECS Engineer, Field data, locations, and depths are estimates.

The undersigned arrived on site, as requested, to perform compaction testing on soils utilizing the Drive Tube Method (ASTM D-2937).

Fail or ۵. pcf Uncorrected Opt. MC: 24.10 % 95 92 95 92 98.5 98.0 98.0 98.3 % Number 7 2 2 Weight 92.2 Dry 92.1 91.7 91.7 93.60 Moisture 2321 632.0 1689 15.12 111.7 200.00 165.20 21.0 20.6 21.4 21.2 Uncorrected Max. Density: Weight 164.70 165.00 165.80 200.00 Weight 200.00 200.00 111.4 111.2 111.1 Weight Unit Wet Proctor Method: Standard Proctor Method Volume 15.12 15.12 15.12 (ASTM D-698) Weight 1685 1680 1682 Weight 626.0 632.0 626.0 1 Tube & Soil 2311 2314 2306 Description: Brown to orange, micaceus silty Subgrade -3.50 Depth -0.50 -1.00 -3.50 from 70' W 25' S of JB4 manhole Clay 160' W of JB4 manhole 100' W of JB4 manhole 50' W of JB4 manhole Test Location Sample: 2 è.

Additional comments:

Troy J. Callender Print Name:

<sup>\*</sup>reobservation



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

Project

**Brook Run Skate Park** 

Location

Dunwoody, GA

Client

**Dekalb County Purchasing & Contracting - James** 

Remarks

Trip Charges\*

Chargeable Items

Tolls/Parking\*

Mileage\*

FIELD REPORT

Project No.

10:4439

Report No.

14

5.75

0.00

5.75

Day & Date

Monday 01/29/2007

Weather

42°/ Sunny

On-Site Time

Lab Time

Travel Time\* 0.00

Total

Re Obs.Time 0.00

Arrival

Time of

Departure

11:15A 05:00P

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to observe the placement and compaction of soils for storm line #3.

Utilizing the drive sleeve method to check the compaction of soils, test results indicated that the compacted material, at the areas and elevations tested, met or exceeded the project requirements of 95 percent of the maximum dry density as obtained in our laboratory using the standard proctor method. Locations and elevations of all tests are based on stakeout provided by others. We cannot be responsible for structures located off of the observed engineered pad, misaligned utilities or stakeout errors causing uncontrolled fill to be placed in structural areas. The soils observed on this date appeared to be placed in accordance with project drawings and specifications with regard to lift thickness and moisture content.

In addition, the undersigned checked the bearing capacity of footings at the north side of the building. Utilizing a dynamic cone penetrometer (ASTM STP-399) to check the bearing capacity of soil at building pad test results indicated that soils, at the areas and elevations tested, should be capable of supporting a foundation designed for a net allowable bearing capacity of 2500 psf.

<sup>\*</sup> Travel time and mileage will be billed in accordance with the contract.

# ECS SOUTHEAST, LLC

# **Drive Tube Method**

Field Density Report

Project: Brook Run Skate Park

SOUTHEAST

Client: Dekalb County Purchasing & Contracting Location: Dunwoody

Project No. 4439

Day/Date: 01/29/07 Monday

Weather / Temp: 42 °F Sunny

Permits:

The undersigned arrived on site, as requested, to perform compaction testing on soils utilizing the Drive Tube Method (ASTM D-2937). The locations and results of the tests performed on this date are as follows:

These results are preliminary until signed by an ECS Engineer, Field data, locations, and depths are estimates.

Sample: 2	Description:	Micaceous S	ilty Pro	ctor Metho	d: Standar	d Proctor M		Incorrected	Max. Dens	Uncorrected Max. Density: 93.60 pcf Uncorrected Opt. MC: 24.10 %	bcf (	Uncorrected	Opt. MC	24.10	% (
F	CCAY	Depth		F	1,00	Total	Wet	11/24	į		Dry		Actiol	Cnoc	Pass
No.	Test Location	from Subgrade	Tube & Soil	Weight	Weight	Volume	Unit Weight	Weight	Weight	Moisture	Unit Weight	Number	%	%	or Fail
			Weight												
-	20'w+5's of manhole jb4	6.00	2376	626.6	1750 15.12		115.7 200.00 159.90 25.0	200.00	159.90	25.0	92.5	2	98.8	95	Ь
2	40w+5s of manhole jb4	6.00	2351	623.5	1728	15.12	114.3	200.00	114.3 200.00 160.40 24.6	24.6	91.6	2	97.9	92	Ь
3	20w+10s of manhole jb4	00.9	2390	631.4	1758	15.12	116.3 200.00 158.50 26.1	200.00	158.50	26.1	92.1	2	98.4 95	92	Д

\*reobscrvation

Additional comments:

Dan Comer Print Name:



# Report of Spread Footing - Foundation Observations

Project: Brook Run Skate Park

Location: 4770 North Peachtree Road

Dunwoody - DeKalb County - GA - 30038-

Day/Date: 01/29/07 Project No. 4439

Contractor: None Listed

	Design Bearing Pressure	2500			0220		
Required Blow Counts	# of Blows / increment		(0)18-22-24;(1)18-21-26;(2	)23-26-27;(3)28-25-28		(0)18-24-24;(1)24-25-27;(2	)20-23-24;(3)21-22-25
	Description of Subgrade Material						
	Depth of Description of Jndercut (in) Steel Placed						
Footing Bottom Elevation	Depth of Description of Undercut (in)	•			•		
Footing Bott	Design	A/N			A/N		
Size (L x W x H)	Actual	2×1×	•••		2×1×		
Size (I	Design	2×1×			2×1×		
	Location	bldg pad North East	corner		bldg pad nw corner		
	Footing Number	7	-		C	7	

By: Dan Comer

ECS Southeast, LLC

### Stamps, James

From:

ECS Mailroom [ecsmailroom10@ecslimited.com]

Sent:

Thursday, February 01, 2007 6:34 PM

To:

jstamps@co.dekalb.ga.us; abmartin@co.dekalb.ga.us; danderson@silvermancpm.com;

dsanders@imwilkerson.com; martiw@altamiradesign.com

Subject:

ECS E-Mail: Brook Run Skate Park Field Reports Sent: 02/01/2007

Attachments:

M00112121M.pdf



(412 KB)

Attached are: Brook Run Skate Park Field Reports

Report Number/s included: 15

If you have any questions or concerns regarding this report, DO NOT REPLY TO THIS AUTOMATED E-MAIL. Please contact:

Guido Reyes, E.I.T. Project Engineer

Direct Line: 678.460.5445 Main Number: 770.419.0745

E-Mail: mailto:GReyes@ecslimited.com

OR

Thomas Dobras, P.E.

Construction Services Manager

Main Number: 770.419.0745 Extension: 5444

E-Mail: mailto:TDobras@ecslimited.com

You will need Adobe Acrobat Reader to view this file. To download the free reader from Adobe, click on the link below: http://www.adobe.com/prodindex/acrobat/readstep.html

\*\*If you see the \*\*NC\*\* symbol in your subject line, one of the attached reports has a non-compliance issue.\*\* The \*\*NC\*\* symbol is not intended to replace the need to review each field report, but rather to act as a means of sorting multiple emails.

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ECS Southeast, LLC 1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

### LETTER OF TRANSMITTAL

February 1, 2007

Dekalb County Purchasing & Contracting 1300 Commerce Drive Maloof Center - Room 303 Decatur, GA 30030

ATTN: James Stamps, Jr.

RE: Brook Run Skate Park

ECS Job # 10:4439

Permits:

Location:

4770 North Peachtree Road

Dunwoody, GA

We are enclosing:

X Materials Engineering Division Reports

X For your use

X As requested

CC: Altamira Design and Common Sense, Inc. - Marti Watts
J.M. Wilkerson Const. Co. - Dan Sanders
Dekalb County Development Dept. - Andre B. Martin
United Grading & Excavating Co. - Randy Robison
Dekalb County Park Planning & Developmen - Marvin F. Billups Jr.
Silverman CPM - Dawn Anderson

ENCL:

Field Report # 15

01/30/2007

Thomas Dobras, P.E.

Construction Services Manager

Guido Reyes, E.I.T.

Guido J. Reynl

Project Engineer



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

**Project** 

**Brook Run Skate Park** 

Location

Dunwoody, GA

Client

**Dekalb County Purchasing & Contracting - James** 

Remarks

Trip Charges\*

Chargeable Items

Tolls/Parking\*

Mileage\*

FIELD REPORT

15

Project No.

10:4439

Report No.

Day & Date

Tuesday 01/30/2007

Weather

40°/ Sunny

On-Site Time Lab Time

9.50 0.00

Travel Time\*

0.00

Total

9.50

Re Obs.Time 0.00

Time of

Arrival Departure

07:45A 05:15P

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to observe the site work activities. The following was noted:

The undersigned observed the reinforcing steel for the building foundation. Reinforcing steel appeared to be placed in accordance with project drawings and specifications (Plan S.1/ Detail 6).

The undersigned also checked the consistency and compaction of soils at the northwestern parking lot area. Imported fill soils were used at this area to achieve the required subgrade elevation. However, due to previous rain events in the area, the material has gained moisture content and some pumping was observed in various zones of the above mentioned parking lot.

Currently, about 4 feet of soils have been placed. Additional 3 to 4 feet of soil will need to be placed to reach the final grade.

Dynamic cone penetration (DCP) testing was performed at this area, at the superintendent's request in order to provide recommendation for stabilizing the area. Refer to the attached test results for more information. Testing results (DCP and field compaction testing), were provided to ECS project Manager for further evaluation and recommendations.

The DCP results indicated that the upper 2 feet of fill appeared to be loose. The fill below 2 feet depth appeared to be relatively dense.

Upon review of the field data, the ECS Geotechnical Engineer, Justin Wang, recommended that

By Joseph Parmley

<sup>\*</sup> Travel time and mileage will be billed in accordance with the contract.



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

### FIELD REPORT

Project No.

10:4439

Report No.

15

Project

**Brook Run Skate Park** 

Day & Date Tuesday 01/30/2007

the soils be re-compacted and proofrolled in order to identify areas in need of remedial work.

In general the areas proofrolled appeared to be stable, with the exception of a zone of about 100ft x 50 ft where pumping was observed (sketch of the failing area is attached).

The following alternatives for remedial work for the failing areas were provided via conference phone call between the ECS Project Manager, ECS Geotechnical Engineer, the Site Superintendent and Silverman CPM representatives:

Alternative 1 - Remove the upper 2' of the existing fill soils and replace them with properly compacted structural soils.

Alternative 2 - Install Tensar Geogrid BX-1100 or equivalent with a layer of 6" thick of #57 stone on top of the existing embankment and continue the fill placement with properly compacted fill material.

Alternative 3 - Place 12" of #57 stone on top of the existing embankment, to stabilize the area and continue fill placement with properly compacted fill soils.

Alternative 4 - Install Tensar Geogrid BX-1100 with a layer of 4" thick of baby surge stone and then a layer of 2" of #57 stone on top of the existing embankment and continue with fill placement.

### Project Manager's Note:

The superintendent inform ECS that the last alternative is the one selected for the remedial work. Remedial work will be performed the following date.

### Geotechnical Engineer's Note:

- 1. ECS should monitor the remedial work and the following fill placement at a full time basis.
- 2. The geogrid and stones should cover at least 10 feet beyond the failing area on each side.
- 3. The contractor is responsible for maintaining the fill near the optimum moisture content prior to filling.

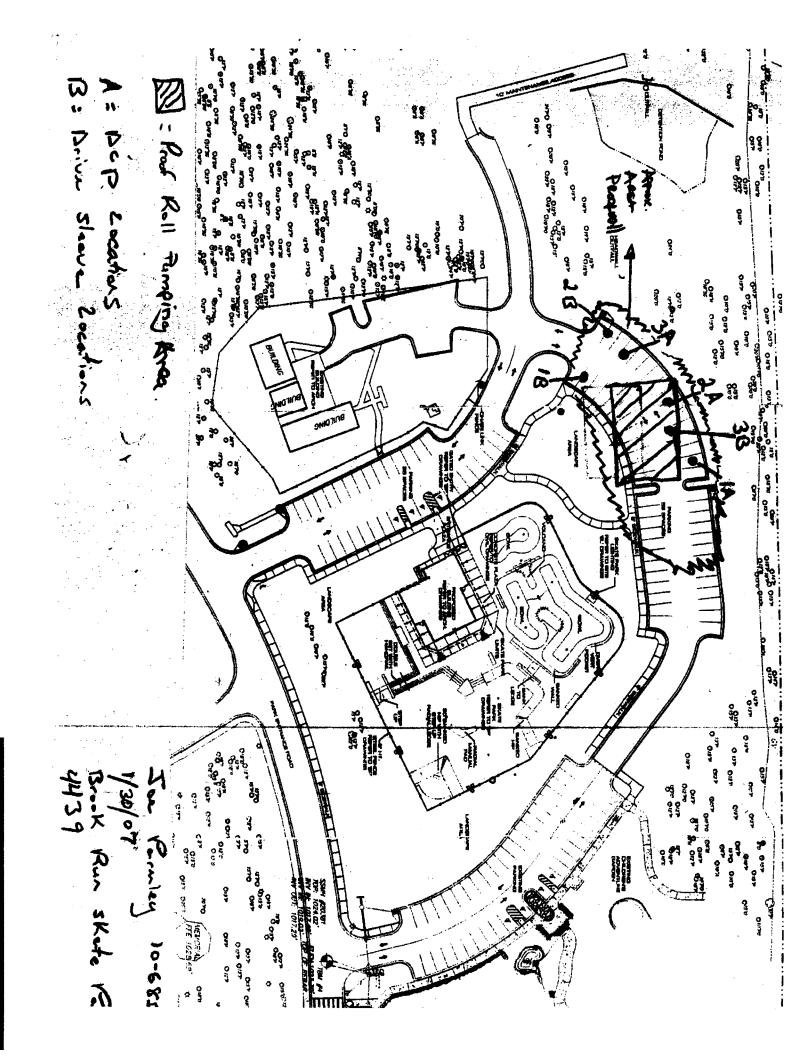


Engineering Consulting Services 1800 Sandy Plains Parkway, Buile IDB Manette, GA 20066 Phone: 170-419-0745 Faxt 770-590-1975

### Auger Penetrometer Test Report

इ	Name: Brook	Run Skote	Owner:	Page:   of 2 Date:	3.1.7
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a.	Number: 4439	General Contra	ictor.	Employee Number: 1 .	

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### SOUTHEAST

## ECS SOUTHEAST, LLC

### Drive Tube Method Field Density Report

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Location: Dunwoody

Project: Brook Run Skate Park

Client: Dekalb County Purchasing & Contracting

Project No. 4439

Day/Date: 01/30/07 Tuesday

Weather / Temp: 40 °F Sunny

Permits:

The undersigned arrived on site, as requested, to perform compaction testing on soils utilizing the Drive Tube Method (ASTM D-2937). The locations and results of the tests performed on this date are as follows:

These results are preliminary until signed by an ECS Engineer, Field data, locations, and depths are estimates.

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\*reobservation

Additional comments:

Print Name: Joseph C. Parmley

### Stamps, James

From:

ECS Mailroom [ecsmailroom10@ecslimited.com]

Sent:

Friday, February 02, 2007 2:09 PM

To:

jstamps@co.dekalb.ga.us; abmartin@co.dekalb.ga.us; danderson@silvermancpm.com;

dsanders@jmwilkerson.com; martiw@altamiradesign.com

Subject:

ECS E-Mail: Brook Run Skate Park Field Reports Sent: 02/02/2007

**Attachments:** 

M00112171M.pdf



Attached are: Brook Run Skate Park Field Reports

Report Number/s included: 16

If you have any questions or concerns regarding this report, DO NOT REPLY TO THIS AUTOMATED E-MAIL. Please contact:

Guido Reyes, E.I.T. Project Engineer

Direct Line: 678.460.5445 Main Number: 770.419.0745

E-Mail: mailto: GReyes@ecslimited.com

OR

Thomas Dobras, P.E.

Construction Services Manager

Main Number: 770.419.0745 Extension: 5444

E-Mail: mailto:TDobras@ecslimited.com

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ECS Southeast, LLC 1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

### LETTER OF TRANSMITTAL

February 2, 2007

Dekalb County Purchasing & Contracting 1300 Commerce Drive Maloof Center - Room 303 Decatur, GA 30030

ATTN: James Stamps, Jr.

RE: Brook Run Skate Park

ECS Job # 10:4439

Permits:

Location: 4770 North Peachtree Road

Dunwoody, GA

We are enclosing:

X Materials Engineering Division Reports

X For your use

X As requested

CC: Altamira Design and Common Sense, Inc. - Marti Watts
J.M. Wilkerson Const. Co. - Dan Sanders
Dekalb County Development Dept. - Andre B. Martin
United Grading & Excavating Co. - Randy Robison
Dekalb County Park Planning & Developmen - Marvin F. Billups Jr.

Silverman CPM - Dawn Anderson

ENCL:

Field Report # 16

01/31/2007

Thomas Dobras, P.E.

Construction Services Manager

omes & Copras

Guido Reyes, E.I.T.

Guido J. Reg.

Project Engineer



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

**Project** 

**Brook Run Skate Park** 

Location

Dunwoody, GA

Client

Dekalb County Purchasing & Contracting - James

Remarks

Trip Charges\*

Tolls/Parking\*

Mileage\*

Chargeable Items

FIELD REPORT

Project No.

10:4439

Report No.

16

Day & Date

Wednesday 01/31/2007

Weather

40°/ Sunny

On-Site Time 13.00

Lab Time 0.00

Travel Time\*

Total

0.00 13.00

Re Obs.Time 0.00

Time of

Arrival

Departure

08:30A 09:30P

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to:

1. Observe the placement of 36 cubic yards of 3000 psi concrete for building footings. Refer to attached sketch for locations.

The required test limits were determined to be a slump of 4-6 inches, batch to placement time of 90 minutes, and concrete temperature range of 55-95 degrees Fahrenheit.

Concrete observed on this date appeared to be placed in compliance with project specifications with regard to temperature, slump, and batch to placement time.

The following samples were obtained for compressive strength testing in our laboratory: Set A: 1 set of 4 lab cylinders (3000 psi) for Footings

- 2. Observe the placement of Geogrid type BX1100 with the 4" layer of surge stone and 2" layer of 57 stone over the failing areas to prooffoll areas, at the parking lot, as it was recommended by ECS on our previous report dated 01/30/07.
- 3. After the remedial work was completed, observe the placement of fill soils at the parking lot area. (Refer to the attached sketch.)

Utilizing the drive sleeve test method to check the compaction of soils, test results indicated that the compacted material, at the areas and elevations tested, met or exceeded the project requirements of 95% the maximum dry density as obtained in our laboratory using the standard

<sup>\*</sup> Travel time and mileage will be billed in accordance with the contract.



**Project** 

### ECS Southeast, LLC

1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

### **FIELD REPORT**

Project No.

10:4439

Report No.

16

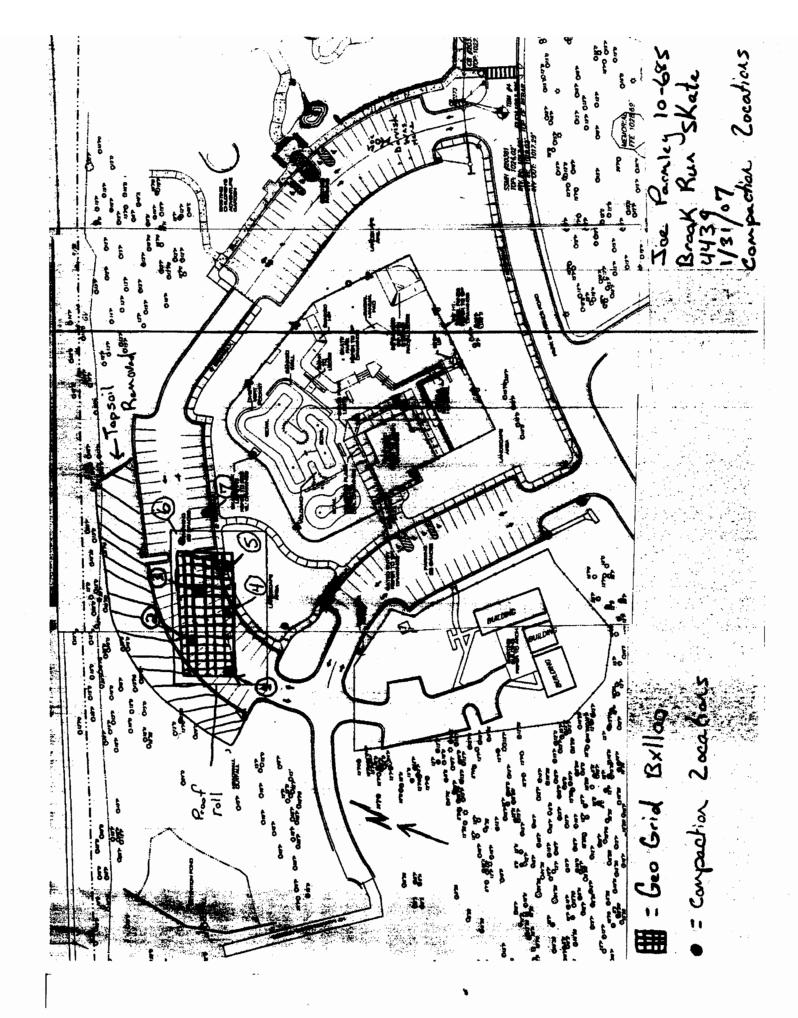
Day & Date

Wednesday 01/31/2007

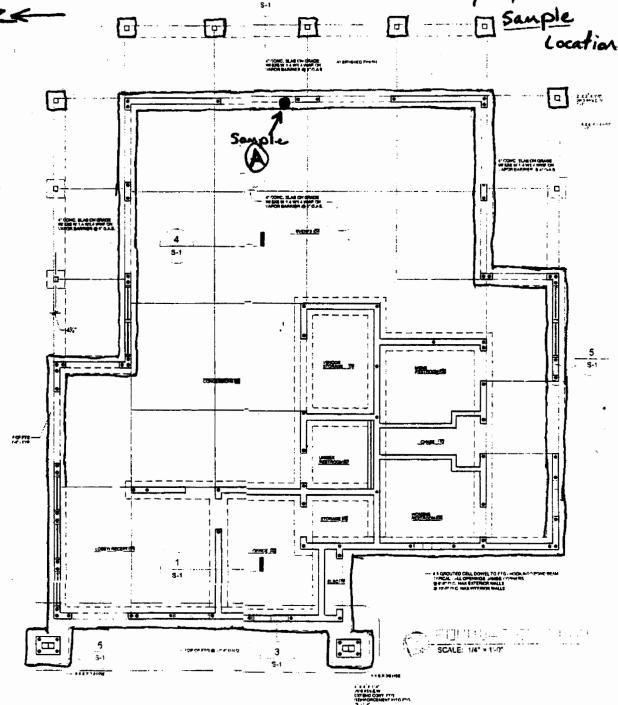
proctor method (ASTM D-698).

**Brook Run Skate Park** 

The soils observed on this date appeared to be placed in compliance with project drawings and specifications with regards to lift thickness and moisture content.



Joe Parmley 10-655
Brook Run State
24439
1/31/07
Sample
Location



## SOUTHEAST

# **Concrete Summary Report**

Project: Brook Run Skate Park

Location: 4770 North Peachtree Road
Dunwoody, - DeKalb County - GA 30038Contractor: None Listed

Supplier: Ready Mix USA

Project No. 4439

Day/Date: 01/31/07

Client: Dekalb County

Weather / Temp: Sunny / 40

Location and Remarks		*		
	Added			
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Truck	Arrive	11:00	11:08	11:30
Batch	Time	10:28	10:50	27 11:13
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Ticket	No.	30327213	30327215	30327217
Truck	No.	315	209	610
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By: Joseph C. Parmley

Location: Building foundation

ECS Southeast, LLC

## ECS SOUTHEAST, LLC



Field Density Report **Drive Tube Method** 

Project: Brook Run Skate Park

Location: Dunwoody

Client: Dekalb County Purchasing & Contracting

Project No. 4439

Day/Date: 01/31/07

Weather / Temp: 40 °F Sunny

Permits:

The undersigned arrived on site, as requested, to perform compaction testing on soils utilizing the Drive Tube Method (ASTM D-2937). The locations and results of the tests performed on this date are as follows:

by an ECS Engineer. Field data locations, and depths are estimat

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4	parking area	-3.00	2474	627.0	1847	15.12	122.2	122.2 200.00 166.00	166.00	20.4	101.4	1	95.3	%56	Д.
2	parking area	-3.00	2454	627.0	1827	15.12	120.8	200.00	120.8 200.00 169.00 18.3	18.3	102.0	1	62.6	%56	Д.

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Print Name:

ECS SOUTHEAST, LLC Joseph C. Parmley

<sup>\*</sup>reobservation

# ECS SOUTHEAST, LLC



Field Density Report **Drive Tube Method** 

Project: Brook Run Skate Park

Location: Dunwoody

Client: Dekalb County Purchasing & Contracting

Project No. 4439

Day/Date: 01/31/07

Weather / Temp: 40 °F Sunny

Permits:

The undersigned arrived on site, as requested, to perform compaction testing on soils utilizing the Drive Tube Method (ASTM D-2937). The locations and results of the tests performed on this date are as follows:

ese .	lese results are preliminary unui signed by an ECS Engineer, Fleid data, Jocations,	, rieid data, 10	U	na aepins are e	sumares.	•		•	•	. '	•		•	•	
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\*reobservation

Additional comments:

Print Name:

Joseph C. Parmley

ECS SOUTHEAST, LLC

### Stamps, James

From: ECS Mailroom [ecsmailroom10@ecslimited.com]

Sent: Monday, February 05, 2007 5:30 PM

To: jstamps@co.dekalb.ga.us; abmartin@co.dekalb.ga.us; danderson@silvermancpm.com;

dsanders@jmwilkerson.com; martiw@altamiradesign.com

Subject: ECS E-Mail: Brook Run Skate Park Field Reports Sent: 02/05/2007

Attachments: M00112265M.pdf



Attached are: Brook Run Skate Park Field Reports

Report Number/s included: 17, 18

If you have any questions or concerns regarding this report, DO NOT REPLY TO THIS AUTOMATED E-MAIL. Please contact:

Guido Reyes, E.I.T. Project Engineer

Direct Line: 678.460.5445 Main Number: 770.419.0745

E-Mail: mailto:GReyes@ecslimited.com

OR

Thomas Dobras, P.E.

Construction Services Manager

Main Number: 770.419.0745 Extension: 5444

E-Mail: mailto:TDobras@ecslimited.com

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1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

### LETTER OF TRANSMITTAL

February 5, 2007

Dekalb County Purchasing & Contracting 1300 Commerce Drive Maloof Center - Room 303 Decatur, GA 30030

ATTN: James Stamps, Jr.

RE: Brook Run Skate Park

ECS Job # 10:4439

Permits:

Location:

4770 North Peachtree Road

Dunwoody, GA

We are enclosing:

X Materials Engineering Division Reports

X For your use

X As requested

CC: Altamira Design and Common Sense, Inc. - Marti Watts

J.M. Wilkerson Const. Co. - Dan Sanders

DeKalb County Development Dept. - Andre B. Martin

United Grading & Excavating Co. - Randy Robison

DeKalb County Park Planning & Developme - Marvin F. Billups Jr.

Silverman CPM - Dawn Anderson

ENCL:

Field Report # 17

02/01/2007

Field Report # 18

02/02/2007

Thomas Dobras, P.E.

Construction Services Manager

Guido Reyes, E.I.T.

Guido J. Reyn)

Project Engineer



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

Project

**Brook Run Skate Park** 

Location

Dunwoody, GA

Client

**Dekalb County Purchasing & Contracting - James** 

Remarks

Trip Charges\*

Tolls/Parking\*

Mileage\*

Chargeable Items

FIELD REPORT

Project No.

10:4439

Report No.

Day & Date

Thursday 02/01/2007

Weather

40°/ Rain

On-Site Time

1.00 0.00

17

Lab Time Travel Time\*

0.00

Total

1.00

Re Obs.Time

0.00

Time of

Arrival Departure

08:30A 09:30A

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to observe the project site activities. Upon arriving on site the contractor informed the undersigned that work was cancelled due to heavy rains in the area.

<sup>\*</sup> Travel time and mileage will be billed in accordance with the contract.

### ECSLLC

### ECS Southeast, LLC

1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

**Project** 

**Brook Run Skate Park** 

Location

Dunwoody, GA

Client

**Dekalb County Purchasing & Contracting - James** 

Remarks

Trip Charges\*

Tolls/Parking\*

Mileage\*

Chargeable Items

FIELD REPORT

18

Project No.

10:4439

Report No.

Day & Date

Friday 02/02/2007

Weather

40°/ Cloudy

On-Site Time

1.00

Lab Time

0.00

Travel Time\*

Re Obs.Time

0.00

Total

1.00 0.00

Time of

Arrival Departure

08:00A

09:00A

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to observe the project site activities. Upon arriving on site the contractor informed the undersigned that work was cancelled due to saturated soil surface condition.

<sup>\*</sup> Travel time and mileage will be billed in accordance with the contract.

### Stamps, James

From:

ECS Mailroom [ecsmailroom10@ecslimited.com]

Sent:

Wednesday, February 07, 2007 5:43 PM

To:

jstamps@co.dekalb.ga.us; abmartin@co.dekalb.ga.us; danderson@silvermancpm.com;

dsanders@jmwilkerson.com; martiw@altamiradesign.com

Subject:

ECS E-Mail: \*\*NC\*\* Brook Run Skate Park NPDES Field Reports Sent: 02/07/2007

Attachments:

M00112360M.pdf



M00112360M.pdf (211 KB)

\*\*NC\*\* = Non Compliant item has been flagged in one of the reports included within the attached transmittal.

Attached are: \*\*NC\*\* Brook Run Skate Park NPDES Field Reports

Report Number/s included: 1

If you have any questions or concerns regarding this report, DO NOT REPLY TO THIS AUTOMATED E-MAIL. Please contact:

Guido Reyes, E.I.T. Project Engineer

Direct Line: 678.460.5445 Main Number: 770.419.0745

E-Mail: mailto:GReyes@ecslimited.com

OR

John McHugh, R.E.M. Environmental Manager Direct Line: 678.460.5450 Main Number: 770.419.0745

E-Mail: mailto:Dmchugh@ecslimited.com

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### ECS Southeast, LLC 1281 Kennestone Circle NE

Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

### LETTER OF TRANSMITTAL

February 7, 2007

Dekalb County Purchasing & Contracting 1300 Commerce Drive Maloof Center - Room 303

Decatur, GA 30030

ATTN: James Stamps, Jr.

RE: Brook Run Skate Park NPDES

ECS Job # 10:4439-A

Permits:

Location: 4770 North Peachtree Road

Dunwoody, GA

We are enclosing:

X Materials Engineering Division Reports

X For your use

X As requested

CC: DeKalb County Park Planning & Developme - Marvin F. Billups Jr.

DeKalb County Development Dept. - Andre B. Martin Altamira Design and Common Sense, Inc. - Marti Watts Silverman CPM - Dawn Anderson

United Grading & Excavating Co. - Randy Robison

J.M. Wilkerson Const. Co. - Dan Sanders

ENCL:

Field Report # 1

02/06/2007

Non Compliance Noted

Guido J. Reyn L

John McHugh, R.E.M. Environmental Manager

Guido Reyes, E.I.T. Project Engineer



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

Project

**Brook Run Skate Park NPDES** 

Location

Dunwoody, GA

Client

**Dekalb County Purchasing & Contracting - James** 

\*\*\* Non Compliance Noted \*\*\*

Remarks

Trip Charges\*

Chargeable Items

Tolls/Parking\*

Mileage\*

FIELD REPORT

Project No.

10:4439-A

Report No.

Day & Date

Tuesday 02/06/2007

Weather

35°/ Sunny

1.50

On-Site Time

Lab Time 0.00

0.00

Travel Time\*

Total 1.50

Re Obs.Time 0.00

Time of

Arrival Departure

08:30A

10:00A

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to observe:

BMP'S & perform NPDES inspections. Please see the attached field report for deficiencies.

<sup>\*</sup> Travel time and mileage will be billed in accordance with the contract.



ECS SOUTHEAST, LLC
1281 Kennestone Circle N.E., Suite 100 Marietta, GA 30066 (770) 590-1971

### **Erosion & Sedimentation Inspection** Maintenance/Compliance Report

To be completed every 7 days AND within 24-hours of a 0.5-inch or more qualifying rainfall event.

	of a 0.3-men of more quantying familian event
Project: Brose Run Strate Para	ECS Project #: <u>4439</u> —A-
Location: 4770 N. Peachtree Ed.	Date: 02/06/04
Contractor: J. M. WILCERSON	Inspector: Guido J. Reyes.
Rain Event Quantity:	Is site in compliance? No
Site Conditions: 51H fences at the Penine	ter of the project site have been installed,
Construction exit is also installed and L	eous in good shape.
Completed Competition	
Completed Corrections:	
1. Deficiency:	Location: 100 N of 56 Corner of Project si
Sitt fence was domaged during the	Construction of the slipe
Recommended Action:	Code: 1 M GC
Fit fence needs to be replaced/Repair	Code: 1 Wy GC
2. Deficiency:	Location: HW-1 (outfall.
2. Deficiency: Sitt fence has not been installed	Yet:
December ded Assissa	
Recommended Action:	Code: 1 MGO Lis area. The contractof informa that will
be intall within a week	as week, the contrasty traperme that
3. Deficiency:	Location from HW-2 (cot full) - water kents
Sittence is being underented by	water How. the private
Recommended Action:	cy bales should be intent to protect this are
Sill fence should be repair and ha	y bales should be ented. In protect this are
4. Deficiency:	Location:
Delicionej.	Location.
Recommended Action:	Code: I M GC
Type of Inspection: Post-rain Weekly	Ca. J. I Pares relaction
is poor inspection. I ust tall vycckiy	(4 11 1 1/4 119 04/44/4

Immediate - Corrected within 24 hours. M Moderate - Corrected within 72 hours.

GC General Conditions - Maintain as needed

### Stamps, James

From:

ECS Mailroom [ecsmailroom10@ecslimited.com]

Sent:

Wednesday, February 07, 2007 5:43 PM

To:

jstamps@co.dekalb.ga.us; abmartin@co.dekalb.ga.us; danderson@silvermancpm.com;

dsanders@imwilkerson.com; martiw@altamiradesign.com

Subject:

ECS E-Mail: Brook Run Skate Park Field Reports Sent: 02/07/2007

Attachments:

M00112349M.pdf



Attached are: Brook Run Skate Park Field Reports

Report Number/s included: 20

If you have any questions or concerns regarding this report, DO NOT REPLY TO THIS AUTOMATED E-MAIL. Please contact:

Guido Reyes, E.I.T. Project Engineer

Direct Line: 678.460.5445 Main Number: 770.419.0745

E-Mail: mailto:GReyes@ecslimited.com

OR

Thomas Dobras, P.E.

Construction Services Manager

Main Number: 770.419.0745 Extension: 5444

E-Mail: mailto:TDobras@ecslimited.com

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1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

### LETTER OF TRANSMITTAL

February 7, 2007

Dekalb County Purchasing & Contracting 1300 Commerce Drive Maloof Center - Room 303 Decatur, GA 30030

ATTN: James Stamps, Jr.

RE: Brook Run Skate Park

ECS Job # 10:4439

Permits:

Location: 4770 North Peachtree Road

Dunwoody, GA

We are enclosing:

X Materials Engineering Division Reports

X For your use

X As requested

CC: Altamira Design and Common Sense, Inc. - Marti Watts

J.M. Wilkerson Const. Co. - Dan Sanders

DeKalb County Development Dept. - Andre B. Martin

United Grading & Excavating Co. - Randy Robison

DeKalb County Park Planning & Developme - Marvin F. Billups Jr.

Silverman CPM - Dawn Anderson

ENCL:

Field Report # 20

02/06/2007

Thomas Dobras, P.E.

Construction Services Manager

Guido Reyes, E.I.T.

Guida J. Rugil

Project Engineer



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

**Project** 

**Brook Run Skate Park** 

Location

Dunwoody, GA

Client

**Dekalb County Purchasing & Contracting - James** 

Remarks

Trip Charges\*

Tolls/Parking\*

Mileage\*

Chargeable Items

**FIELD REPORT** 

Project No.

10:4439

Report No.

20

Day & Date

Tuesday 02/06/2007

Weather

**26°/ Sunny** 

On-Site Time Lab Time

1.25 0.00

Travel Time\*

0.00

Total

1.25

0.00

Time of

Re Obs.Time

Arrival Departure

09:15A 08:00A

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to observe and monitor grading operations for the proposed Skate Park. Upon arriving on site Superintendent informed the undersigned that grading operations had been cancelled.

<sup>\*</sup> Travel time and mileage will be billed in accordance with the contract.

### Stamps, James

From:

ECS Mailroom [ecsmailroom10@ecslimited.com]

Sent:

Thursday, February 08, 2007 7:09 PM

To:

istamps@co.dekalb.ga.us; abmartin@co.dekalb.ga.us; danderson@silvermancpm.com;

dsanders@imwilkerson.com; martiw@altamiradesign.com

Subject:

ECS E-Mail: Brook Run Skate Park Concrete Break Reports Sent: 02/08/2007

Attachments:

C00112383M.pdf



Attached are: Brook Run Skate Park Concrete Break Reports

Report Number/s included: 1, 2, 4

If you have any questions or concerns regarding this report, DO NOT REPLY TO THIS AUTOMATED E-MAIL. Please contact:

Guido Reyes, E.I.T. Project Engineer

Direct Line: 678.460.5445 Main Number: 770.419.0745

E-Mail: mailto:GReyes@ecslimited.com

OR

Thomas Dobras, P.E.

Construction Services Manager

Main Number: 770.419.0745 Extension: 5444

E-Mail: mailto:TDobras@ecslimited.com

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### CONCRETE, GROUT, AND MORTAR TESTS LETTER OF TRANSMITTAL

TO: Dekalb County Purchasing & Contracting

1300 Commerce Drive

Maloof Center - Room 303

Decatur, GA 30030

ATTN:

James Stamps, Jr.

JOB NO.: 004439

DATE: 02/08/2007

RE: Brook Run Skate Park

PERMIT #:

LOCATION:

4770 North Peachtree Road, Dunwoody, GA

DeKalb County County

We are enclosing:

X Attached

1, 2, 4

For Your Use X

X Materials Engineering Division Concrete Reports:

As Requested X

CC: Altamira Design and Common Sense, Inc. - Marti Watts

J.M. Wilkerson Const. Co. - Dan Sanders
DeKalb County Development Dept. - Andre B. Martin
DeKalb County Park Planning & Developme - Marvin F. Billups Jr.
Silverman CPM - Dawn Anderson

Thomas Dobras, P.E.

By:

Construction Services Manager

Guido Reyes, E.I.T.

Guido J. Pergo

**Project Engineer** 



ECS Southeast, LLC 1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971

**Concrete Cylinders Strength Report** 

Project: 4439

Set Designation:

Cast Date:

01/11/2007

Design Strength:

3000 psi

Brook Run Skate Park Report No.:

4770 North Peachtree Road, Dunwoody, GA

Owner:

Project:

Location:

DeKalb County Park Planning &

Client:

Dekalb County Purchasing &

Arch.: Struc. Eng.:

Altamira Design and Common Sense, Inc. -

Gen. Contr.:

Conc. Contr.:

Placement Location: Footings for site wall

Concrete Supplier: Ready Mix USA

Truck No:

Ticket No:

30326733

Mix Designation: 65F30EWJ

1795 Mix Strength: 3000 psi

Batch Time: 02:05PM

Added Water:

Time Added:

Unit Wt.:

FIELD TEST DATA: Tested by: Derrick V. Haynes

Time Sampled:03:20PM

Slump: 5.00 in.

Temperature - Air:

50° F

Concrete:

60° F

Air Content:

Sample No	Test Date	Test Age	Type Cure	Diameter In.	Area In.²	Breaking Load,lbs	Compr. Str.,psi	Brk Typ	Break by	Review by
61280	01/18/2007	7	Lab	4.00	12.56	43830	3490			GR01
61281	02/08/2007	28	Lab	4.00	12.56	54900	4370			GR01
61282	02/08/2007	28	Lab	4.00	12.56	56570	4500			GR01
61283	02/08/2007	28	Lab	4.00	12.56					

Sampling in accordance with (iaw) ASTM C172, except that samples may have been taken from the beginning of the load after a minimum discharge of approximately one cubic yard. Cylinder molding and laboratory curing iaw ASTM C31, compressive strength test and break type iaw ASTM C39, slump iaw C143, air content iaw ASTM C173 (V) or C231 (P), temperature iaw ASTM C1064, and unit weight iaw ASTM C138. Cylinders are tested using unbonded caps iaw ASTM C1231 or are capped using sulphur mortar iaw C617. Break Types are classified as: Type 1, 2, 3, 4, 5, or 6 iaw C39-04a

### FIELD CURING CONDITIONS:

**Curing Box** X No Curing Box Insulated Heated

Cooled X Caps

Ice Other

Remarks:

Final Review By: Homas Colsias

GR01

Print Date:

02/08/2007



ECS Southeast, LLC 1281 Kennestone Circle NE Suite 100 Marietta, GA 30066

(770) 590-1971

Brook Run Skate Park

4770 North Peachtree Road, Dunwoody, GA

**Concrete Cylinders Strength Report** 

Project: 4439

Set Designation:

Cast Date:

01/11/2007

Design Strength:

3000 psi

Report No.:

2

Owner: Arch.:

Project:

Location:

DeKalb County Park Planning &

Client:

Dekalb County Purchasing &

Altamira Design and Common Sense, Inc. -Struc. Eng.:

Gen. Contr.:

Conc. Contr.:

Placement Location: Footings for site wall

Concrete Supplier: Ready Mix USA

Mix Designation: 65F30EWJ

Truck No:

1795

Ticket No:

30326744

Added Water:

Mix Strength: 3000 psi Time Added:

Unit Wt.:

Batch Time: 03:56PM

FIELD TEST DATA: Tested by: Derrick V. Haynes

Time Sampled:04:33PM

Slump: 6.00 in.

Temperature - Air:

45° F

Concrete:

60° F

Air Content:

Sample No	Test Date	Test Age	Type Cure	Diameter In.	Area In.²	Breaking Load,lbs	Compr. Str.,psi	Brk Typ	Break by	Review by
61284	01/18/2007	7	Lab	4.00	12.56	44330	3530			GR01
61285	02/08/2007	28	Lab	4.00	12.56	56040	4460			GR01
61286	02/08/2007	28	Lab	4.00	12.56	55470	4410			GR01
61287	02/08/2007	28	Lab	4.00	12.56					

Sampling in accordance with (iaw) ASTM C172, except that samples may have been taken from the beginning of the load after a minimum discharge of approximately one cubic yard. Cylinder molding and laboratory curing iaw ASTM C31, compressive strength test and break type iaw ASTM C39, slump iaw C143, air content iaw ASTM C173 (V) or C231 (P), temperature iaw ASTM C1064, and unit weight iaw ASTM C138. Cylinders are tested using unbonded caps iaw ASTM C1231 or are capped using sulphur mortar iaw C617. Break Types are classified as: Type 1, 2, 3, 4, 5, or 6 iaw C39-04a

### **FIELD CURING CONDITIONS:**

**Curing Box** X No Curing Box

Insulated Heated

Cooled X Caps

Ice Other

Homas A Voleras

Remarks:

**GR01** 

Print Date:

02/08/2007



ECS Southeast, LLC 1281 Kennestone Circle NE Suite 100

Marietta, GA 30066 (770) 590-1971

**Concrete Cylinders Strength Report** 

Project: 4439

Set Designation: A

Cast Date:

Report No.:

01/31/2007

Design Strength:

3000 psi

Project:

Owner:

Brook Run Skate Park

Location:

4770 North Peachtree Road, Dunwoody, GA

Client:

Dekalb County Purchasing &

Arch.: Struc. Eng.:

Altamira Design and Common Sense, Inc. -

DeKalb County Park Planning &

Gen. Contr.:

Conc. Contr.:

Placement Location: Building Footings

Concrete Supplier: Ready Mix USA

Mix Designation: 60140E1B

Added Water:

Truck No: Mix Strength: 3000 psi

315

Ticket No:

30327213

Time Added:

Unit Wt.:

Batch Time: 10:28AM

FIELD TEST DATA: Tested by: Joseph C. Parmley

40° F

Time Sampled:11:30AM

Slump: 4.50 in.

Temperature - Air:

Concrete:

65° F

Air Content:

Sample No	Test Date	Test Age	Type Cure	Diameter In.	Area In.²	Breaking Load,lbs	Compr. Str.,psi	Brk Typ	Break by	Review by
61899	02/07/2007	7	Lab	4.00	12.56	43520	3460			GR01
61900	02/28/2007	28	Lab	4.00	12.56					
61901	02/28/2007	28	Lab	4.00	12.56		·			
61902	02/28/2007	28	Lab	4.00	12.56					

Sampling in accordance with (iaw) ASTM C172, except that samples may have been taken from the beginning of the load after a minimum discharge of approximately one cubic yard. Cylinder molding and laboratory curing law ASTM C31, compressive strength test and break type law ASTM C39, slump law C143, air content law ASTM C173 (V) or C231 (P), temperature iaw ASTM C1064, and unit weight iaw ASTM C138. Cylinders are tested using unbonded caps iaw ASTM C1231 or are capped using sulphur mortar iaw C617. Break Types are classified as: Type 1, 2, 3, 4, 5, or 6 iaw C39-04a

### FIELD CURING CONDITIONS:

**Curing Box** 

X No Curing Box

Insulated

Heated

Cooled

Ice

Caps

X Other

Remarks:

Final Review By:

GR01

Print Date:

02/08/2007

### Stamps, James

From:

ECS Mailroom [ecsmailroom10@ecslimited.com]

Sent:

Friday, February 09, 2007 5:09 PM

To:

jstamps@co.dekalb.ga.us; abmartin@co.dekalb.ga.us; danderson@silvermancpm.com;

dsanders@imwilkerson.com; martiw@altamiradesign.com

Subject:

ECS E-Mail: Brook Run Skate Park Field Reports Sent: 02/09/2007

Attachments:

M00112441M.pdf



Attached are: Brook Run Skate Park Field Reports

Report Number/s included: 21, 22

If you have any questions or concerns regarding this report, DO NOT REPLY TO THIS AUTOMATED E-MAIL. Please contact:

Guido Reyes, E.I.T. Project Engineer

Direct Line: 678.460.5445 Main Number: 770.419.0745

E-Mail: mailto:GReyes@ecslimited.com

OR

Thomas Dobras, P.E.

Construction Services Manager

Main Number: 770.419.0745 Extension: 5444

E-Mail: mailto:TDobras@ecslimited.com

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### ECS Southeast, LLC 1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

### LETTER OF TRANSMITTAL

February 9, 2007

Dekalb County Purchasing & Contracting 1300 Commerce Drive Maloof Center - Room 303 Decatur, GA 30030

ATTN: James Stamps, Jr.

RE: Brook Run Skate Park

ECS Job # 10:4439

Permits:

Location: 4770 North Peachtree Road

Dunwoody, GA

We are enclosing:

X Materials Engineering Division Reports

X For your use

X As requested

CC: Altamira Design and Common Sense, Inc. - Marti Watts

J.M. Wilkerson Const. Co. - Dan Sanders

DeKalb County Development Dept. - Andre B. Martin

United Grading & Excavating Co. - Randy Robison

DeKalb County Park Planning & Developme - Marvin F. Billups Jr.

Silverman CPM - Dawn Anderson

ENCL:

Field Report # 21

02/07/2007

Field Report # 22

02/08/2007

Thomas Dobras, P.E.

Construction Services Manager

Guido Reyes, E.I.T.

Guida J. Reys

Project Engineer



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

**Project** 

**Brook Run Skate Park** 

Location

Dunwoody, GA

Client

**Dekalb County Purchasing & Contracting - James** 

Remarks

Trip Charges\*

Tolls/Parking\*

Mileage\*

Chargeable Items

### FIELD REPORT

Project No.

10:4439

Report No.

21

Day & Date

Wednesday 02/07/2007

Weather

50°/ Sunny

Lab Time

On-Site Time 8.50 0.00

Travel Time\*

0.00

Total

8.50

Re Obs.Time 0.00

Time of

Arrival Departure

08:00A 04:30P

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to observe the placement and compaction of soils for the parking and bowl area at the Brook Run Skate Park. Refer to sketch for test locations.

Utilizing the calibrated drive sleeve method to check the compaction of soils, test results indicated that the compacted material, at the areas and elevations tested, met or exceeded the project requirements of 98% (top 2') and 95% (below 2') of the maximum dry density as obtained in our laboratory using the standard proctor method. Locations and elevations of all tests are based on stakeout provided by others. We cannot be responsible for structures located off of the observed engineered pad, misaligned utilities or stakeout errors causing uncontrolled fill to be placed in structural areas.

The soils observed on this date appeared to be placed in accordance with project drawings and specifications with regard to lift thickness and moisture content.

<sup>\*</sup> Travel time and mileage will be billed in accordance with the contract.

## SOUTHEAST

## ECS SOUTHEAST, LLC

### Field Density Report **Drive Tube Method**

Project: Brook Run Skate Park

Location: Dunwoody

Client: Dekalb County Purchasing & Contracting

Project No. 4439

Day/Date: 02/07/07

Weather / Temp: 50 °F Sunny

Permits:

The undersigned arrived on site, as requested, to perform compaction testing on soils utilizing the Drive Tube Method (ASTM D-2937). The locations and results of the tests performed on this date are as follows:

These results are preliminary until signed by an ECS Engineer, Field data, locations, and depths are estimates

TIESE.	Hese results are premiminary until signed by an ECC Engineer, Herd data, locations, and deputs are estimates.	, ו וכוע שמומ, וט	callons, and	מפטמום מופים	sellilidics.										
Sample: 1	Description:	NDY	Pro	ctor Metho	d: Standar	Proctor Method: Standard Proctor Method		Incorrected	Uncorrected Max. Density: 106.40 pcf Uncorrected Opt. MC: 15.70	ity: 106.4	o pcf l	Uncorrected	d Opt. MC	: 15.70	%
-	SILT(Offsite Soils	Depth		TL.	M (CV)	(SC) WIGH	Wet	West	, i		Dry		Actual	Snoo	Pass
No.	Test Location	from Subgrade	Tube & Soil	Weight	Weight	Volume	Unit Weight	Weight	Weight	Moisture	Unit Weight	Number	%	%	or Fail
_			Weight												
_	parking area	-3.00	2465	627.0	1838	15.12	121.6	200.00	121.6 200.00 168.00 19.0	19.0	102.1	1	96.0	95%	۵
2	parking area	-3.00	2482	627.0	1855	15.12	122.7	200.00 167.00		19.7	102.4	1	96.2	%56	Д
3	parking area	-3.00	2469	627.0	1842	15.12	121.8	200.00	169.00	18.3	102.9	1	2.96	%56	Ь
4	parking area	-2.00	2478	627.0	1851	15.12	122.4	200.00 171.00	171.00	16.9	104.6	1	98.3	%86	Ь
2	bowl area	-3.00	2465	627.0	1838	15.12	121.6	200.00	121.6 200.00 171.00	16.9	103.9	1	7.76	95	ď

<sup>\*</sup>reobservation

Additional comments:

Joseph C. Parmley Print Name:

ECS SOUTHEAST, LLC

## SOUTHEAST

## ECS SOUTHEAST, LLC

## **Drive Tube Method**

Field Density Report

Project: Brook Run Skate Park

Location: Dunwoody

Permits:

Client: Dekalb County Purchasing & Contracting

Day/Date: 02/07/07 Project No. 4439

Weather / Temp: 50 °F Sunny

The undersigned arrived on site, as requested, to perform compaction testing on soils utilizing the Drive Tube Method (ASTM D-2937). The locations and results of the tests performed on this date are as follows:

These results are preliminary until signed by an ECS Engineer, Field data, locations, and depths are estimates.

e pow

	י יבוכות משמיי				•			•		•				
owl area	-3.00	2481	627.0 1854	1854	15.12	122.6	200.00	122.6 200.00 167.00 19.7	19.7	102.3	1	96.2 95%	95% P	
					1									l

\*reobservation

Additional comments:

Joseph C. Parmley Print Name:

ECS SOUTHEAST, LLC



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

**Project** 

**Brook Run Skate Park** 

Location

Dunwoody, GA

Client

**Dekalb County Purchasing & Contracting - James** 

Remarks

Trip Charges\*

Tolls/Parking\*

Mileage\*

Chargeable Items

### **FIELD REPORT**

Project No.

10:4439

Report No.

22

Day & Date

Thursday 02/08/2007

Weather

55°/ Sunny

On-Site Time 9.25

Lab Time

0.00

Travel Time\*

0.00

Total

9.25 0.00

Re Obs.Time **0**Times of Arrival

Arrival Departure

07:30A 12:00P

12:30P 05:15P

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to observe the placement and compaction of soils for the skate park structure and parking area. Refer to attached sketch for test locations.

Utilizing the drive sleeve test method to check the compaction of soils, test results indicated that the compacted material, at the areas and elevations tested, met or exceeded the project requirements of 98% (top 2') of the maximum dry density as obtained in our laboratory using the Standard Proctor Method (ASTM D-698). Locations and elevations of all tests are based on stakeout provided by others. We cannot be responsible for structures located off of the observed engineered pad, misaligned utilities or stakeout errors causing uncontrolled fill to be placed in structural areas.

The soils observed on this date appeared to be placed in accordance with project drawings and specifications with regard to lift thickness and moisture content.

<sup>\*</sup> Travel time and mileage will be billed in accordance with the contract.

## SOUTHEAST

## ECS SOUTHEAST, LLC

### Field Density Report **Drive Tube Method**

Project: Brook Run Skate Park

Location: Dunwoody

Client: Dekalb County Purchasing & Contracting

Project No. 4439

Day/Date: 02/08/07 Thursday

Weather / Temp: 55 °F Sunny

Permits:

The undersigned arrived on site, as requested, to perform compaction testing on soils utilizing the Drive Tube Method (ASTM D-2937). The locations and results of the tests performed on this date are as follows:

These results are preliminary until signed by an ECS Engineer, Field data, locations, and depths are estimates.

200	most result are preminally and signed by an ECC Engineer, rised data; recently and deputs are communed.	י י יכום מפנפי, וכ	canons, and	on candon	continuos.										
Sample: 1	e: 1 Description: Orange Brown SANDY	NDY	Proct	ctor Metho	d: Standar	tor Method: Standard Proctor Method		Incorrected	Uncorrected Max. Density: 106.40 pcf Uncorrected Opt. MC: 15.70	ity: 106.	10 pcf 1	Uncorrected	d Opt. MC	15.70	%
	αη π/Ω κ. τ. α . 1.				ACTA	A CTALES COOL									
F	SIDE SIGNIFIC	Depth		Tb.	11.52	(0/0-rd	Wet	117.04	Dec		Dry	4	Actiol	Snac	Pass
No.	Test Location	from Subgrade	Tube & Soil	Weight	Weight	Volume	Unit Weight	Weight	Weight	Moisture	Unit Weight	Number	%	% :adc	or Fail
			Weight												
_	parking area - see sketch	-1.00	2465	627.0	1838	15.12	121.6	200.00	121.6 200.00 173.00 15.6	15.6	105.1	1	98.8	98	_
2	parking area - see sketch	-1.00	2446	627.0	1819	15.12	120.3	200.00 174.00	174.00	14.9	104.6	1	98.3	86	۵
3	parking area - see sketch	-1.00	2460	627.0	1833	15.12	121.2	200.00 172.00	172.00	16.2	104.2	1	6.76	86	Д
4	parking area - see sketch	-1.00	2479	627.0	1852	15.12	122.5	200.00	122.5 200.00 171.00	16.9	104.7	1	98.4	98	۵
5	skate park - see sketch	00'0	2436	627.0	1809	15.12	119.6	200.00	119.6 200.00 175.00 14.2	14.2	104.6	1	98.3	86	Ъ

\*reobservation

Additional comments:

Joseph C. Parmley Print Name:

ECS SOUTHEAST, LLC

### SOUTHEAST

## ECS SOUTHEAST, LLC

### Field Density Report **Drive Tube Method**

Project: Brook Run Skate Park

Location: Dunwoody

Client: Dekalb County Purchasing & Contracting

Project No. 4439

Day/Date: 02/08/07 Thursday

Weather / Temp: 55 °F Sunny

Permits:

The undersigned arrived on site, as requested, to perform compaction testing on soils utilizing the Drive Tube Method (ASTM D-2937). The locations and results of the tests performed on this date are as follows:

\*reobscrvation

Additional comments:

Joseph C. Parmley Print Name:

ECS SOUTHEAST, LLC

### Stamps, James

From:

ECS Mailroom [ecsmailroom10@ecslimited.com]

Sent:

Monday, February 12, 2007 6:03 PM

To:

jstamps@co.dekalb.ga.us; abmartin@co.dekalb.ga.us; danderson@silvermancpm.com;

dsanders@imwilkerson.com; martiw@altamiradesign.com

Subject:

ECS E-Mail: Brook Run Skate Park Field Reports Sent: 02/12/2007

**Attachments:** 

M00112488M.pdf



Attached are: Brook Run Skate Park Field Reports

Report Number/s included: 23

If you have any questions or concerns regarding this report, DO NOT REPLY TO THIS AUTOMATED E-MAIL. Please contact:

Guido Reyes, E.I.T. Project Engineer

Direct Line: 678.460.5445 Main Number: 770.419.0745

E-Mail: mailto:GReyes@ecslimited.com

OR

Thomas Dobras, P.E.

Construction Services Manager

Main Number: 770.419.0745 Extension: 5444

E-Mail: mailto:TDobras@ecslimited.com

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\*\*If you see the \*\*NC\*\* symbol in your subject line, one of the attached reports has a non-compliance issue.\*\* The \*\*NC\*\* symbol is not intended to replace the need to review each field report, but rather to act as a means of sorting multiple emails.

The information contained in this message and any documents, files, or other messages included or attached, are the confidential work product of ECS, Ltd. If the reader is not the intended recipient, or a person responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this message, or any attachments to this message, is strictly prohibited. If you have received this message in error, please notify the sender immediately and delete this message and any attachments from your computer systems. Thank you for your assistance.



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

### LETTER OF TRANSMITTAL

February 12, 2007

Dekalb County Purchasing & Contracting 1300 Commerce Drive Maloof Center - Room 303 Decatur, GA 30030

ATTN: James Stamps, Jr.

RE: Brook Run Skate Park

ECS Job # 10:4439

Permits:

Location: 4770 North Peachtree Road

Dunwoody, GA

We are enclosing:

X Materials Engineering Division Reports

X For your use

X As requested

CC: Altamira Design and Common Sense, Inc. - Marti Watts

J.M. Wilkerson Const. Co. - Dan Sanders

DeKalb County Development Dept. - Andre B. Martin

United Grading & Excavating Co. - Randy Robison

DeKalb County Park Planning & Developme - Marvin F. Billups Jr.

Silverman CPM - Dawn Anderson

ENCL:

Field Report # 23

02/09/2007

Thomas Dobras, P.E.

Construction Services Manager

Guido Reyes, E.I.T.

Guido J. Reg.

Project Engineer



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

Project

**Brook Run Skate Park** 

Location

Dunwoody, GA

Client

**Dekalb County Purchasing & Contracting - James** 

Remarks

Trip Charges\*

Tolls/Parking\*

Mileage\*

Chargeable Items

FIELD REPORT

Project No.

10:4439

Report No.

23

Day & Date

Friday 02/09/2007

Weather

50°/ Sunny

On-Site Time

4.75 0.00

Lab Time

Travel Time\*

Re Obs.Time

0.00 4.75

Total

0.00

Time of

Arrival Departure

07:45A 12:30P

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to check the consistency of soils at the building pad. Refer to the attached sketch. Utilizing a dynamic cone penetrometer (ASTM STP-399) to check the consistency of soil on building pad, test results indicated firm soils, at the areas and elevations tested.

<sup>\*</sup> Travel time and mileage will be billed in accordance with the contract.



Engineering Consulting Services 1800 Sandy Plains Parkway, Suite 208 Marietta, GA 30066 Phone: 770-419-0745 Fax: 770-590-1975

### Auger Penetrometer Test Report With Dynamic Cone Penetrometer

ij	Name: Brook Ren skole		Owner:		Page:	of 3	Date:	2	٠٩.	07
oje	Location:		Client:		Tested	Ву: 🏅	ce_	P.	nk	~
а.	Number: 443 9	General Contractor: J.w. wilkerson		Employ	ee Nu	mber:\	•-0	, F.	5	

Test	Location		Comments			
No.	Location	Depth	Soll Description	Results	Comments	
ı	Building Paul	J	Red silky Clay	8-10-12		
		-1		11-9-14		
		-2		10-9-11		
		- 3	1	11 -13- 15		
2.	Building Pad	0	Red silty clay	7-11-13		
		-1	, , , ,	9-16-16		
		.2		11 -17-16		
		-3	υ	10-14-15		
_3_	Building Pad	0	Red Sitty Clay	7-9-12		
		-1	1	11 -13-13		
		-2		10-12-15		
	-	-3		14-19-18	A. P. C	
	1					
4	Building Pad	0	Red Sitty Clay	8-11-10		
		- 1		8 -12-11		
••	1	- 2	<del>                                     </del>	9 -13-15		
		-3		10-12-13		
#4						
······						
		<u> </u>		_		

Joe Parmley 10-685 Brook Run Skate Parke 4439 2/9/07. sc.p Lacations

From:

ECS Mailroom [ecsmailroom10@ecslimited.com]

Sent:

Thursday, February 15, 2007 6:17 PM

To:

jstamps@co.dekalb.ga.us; abmartin@co.dekalb.ga.us; danderson@silvermancpm.com;

dsanders@jmwilkerson.com; martiw@altamiradesign.com

Subject:

ECS E-Mail: Brook Run Skate Park Concrete Break Reports Sent: 02/15/2007

Attachments:

C00112713M.pdf



Attached are: Brook Run Skate Park Concrete Break Reports

Report Number/s included: 3

If you have any questions or concerns regarding this report, DO NOT REPLY TO THIS AUTOMATED E-MAIL. Please contact:

Guido Reyes, E.I.T. Project Engineer

Direct Line: 678.460.5445 Main Number: 770.419.0745

E-Mail: mailto:GReyes@ecslimited.com

OR

Thomas Dobras, P.E.

Construction Services Manager

Main Number: 770.419.0745 Extension: 5444

E-Mail: mailto:TDobras@ecslimited.com

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ECS Southeast, LLC 1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

## CONCRETE, GROUT, AND MORTAR TESTS LETTER OF TRANSMITTAL

TO: Dekalb County Purchasing & Contracting

1300 Commerce Drive Maloof Center - Room 303

Decatur, GA 30030

ATTN:

James Stamps, Jr.

JOB NO.: 004439

DATE: 02/15/2007

RE: Brook Run Skate Park

PERMIT #:

LOCATION:

4770 North Peachtree Road, Dunwoody, GA

DeKalb County County

We are enclosing:

X Attached

X For Your Use

X Materials Engineering Division Concrete Reports:

X As Requested

3

CC: Altamira Design and Common Sense, Inc. - Marti Watts J.M. Wilkerson Const. Co. - Dan Sanders DeKalb County Development Dept. - Andre B. Martin DeKalb County Park Planning & Developme - Marvin F. Billups Jr.

Silverman CPM - Dawn Anderson

Thomas Dobras, P.E.

By:

Construction Services Manager

Guido Reyes, E.I.T. Project Engineer

Guido J. Rey.



ECS Southeast, LLC 1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971

Project: 4439

Set Designation:

Cast Date:

Report No.:

01/18/2007

Design Strength:

3000 psi

3

Project:

Brook Run Skate Park

Location:

4770 North Peachtree Road, Dunwoody, GA

Client:

Dekalb County Purchasing &

**Concrete Cylinders Strength Report** 

Owner: Arch.:

DeKalb County Park Planning &

Gen. Contr.:

Altamira Design and Common Sense, Inc. -Struc. Eng.:

Conc. Contr.:

Placement Location: Detention pond wall

Concrete Supplier: Ready Mix USA

Truck No:

Ticket No:

30326926

Mix Designation: 65F30EWJ

203 Mix Strength: 3000 psi

Batch Time: 10:04AM

Added Water:

Time Added:

Unit Wt.:

FIELD TEST DATA: Tested by: Derrick V. Haynes

Time Sampled:11:21AM

Slump: 5.50 in.

Temperature - Air:

37° F Concrete: 50° F

Air Content:

Sample No	Test Date	Test Age	Type Cure	Diameter In.	Area In.²	Breaking Load,lbs	Compr. Str.,psi	Brk Typ	Break by	Review by
61478	01/25/2007	7	Lab	6.00	28.27	91640	3240			GR01
61479	02/15/2007	28	Lab	6.00	28.27	124300	4400	1		GR01
61480	02/15/2007	28	Lab	6.00	28.27	122770	4340	2		GR01
61481	02/15/2007	28	Lab	6.00	28.27					

Sampling in accordance with (iaw) ASTM C172, except that samples may have been taken from the beginning of the load after a minimum discharge of approximately one cubic yard. Cylinder molding and laboratory cunng iaw ASTM C31, compressive strength test and break type iaw ASTM Č39, slump iaw C143, air content iaw ASTM C173 (V) or C231 (P), temperature law ASTM C1064, and unit weight law ASTM C138. Cylinders are tested using unbonded caps law ASTM C1231 or are capped using sulphur mortar law C617. Break Types are classified as: Type 1, 2, 3, 4, 5, or 6 law C39-04a

## FIELD CURING CONDITIONS:

X Curing Box No Curing Box

Insulated Heated

Cooled X Caps

Ice Other

Shomes 1 Dobros

Remarks:

Final Review By: -

GR01

Print Date:

02/15/2007

From:

ECS Mailroom [ecsmailroom10@ecslimited.com]

Sent:

Friday, February 16, 2007 9:38 AM

To:

jstamps@co.dekalb.ga.us; abmartin@co.dekalb.ga.us; danderson@silvermancpm.com;

dsanders@jmwilkerson.com; martiw@altamiradesign.com

Subject:

ECS E-Mail: \*\*NC\*\* Brook Run Skate Park NPDES Field Reports Sent: 02/16/2007

Attachments:

M00112758M.pdf



 $^{*}$  \*\*NC\*\* = Non Compliant item has been flagged in one of the reports included within the attached transmittal.

Attached are: \*\*NC\*\* Brook Run Skate Park NPDES Field Reports

Report Number/s included: 2

If you have any questions or concerns regarding this report, DO NOT REPLY TO THIS AUTOMATED E-MAIL. Please contact:

Guido Reyes, E.I.T. Project Engineer

Direct Line: 678.460.5445 Main Number: 770.419.0745

E-Mail: mailto:GReyes@ecslimited.com

OR

John McHugh, R.E.M. Environmental Manager Direct Line: 678.460.5450 Main Number: 770.419.0745

E-Mail: mailto:Dmchugh@ecslimited.com

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ECS Southeast, LLC 1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

## LETTER OF TRANSMITTAL

February 16, 2007

Dekalb County Purchasing & Contracting 1300 Commerce Drive Maloof Center - Room 303 Decatur, GA 30030

ATTN: James Stamps, Jr.

RE: Brook Run Skate Park NPDES

ECS Job # 10:4439-A

Permits:

Location: 4770 North Peachtree Road

Dunwoody, GA

We are enclosing:

X Materials Engineering Division Reports

X For your use

X As requested

CC: DeKalb County Park Planning & Developme - Marvin F. Billups Jr.

DeKalb County Development Dept. - Andre B. Martin Altamira Design and Common Sense, Inc. - Marti Watts Silverman CPM - Dawn Anderson United Grading & Excavating Co. - Randy Robison

J.M. Wilkerson Const. Co. - Dan Sanders

ENCL:

Field Report # 2

02/15/2007

Non Compliance Noted

Guida J. Rugil

Robert Goehring, P.E.

Senior Principal Engineer

Guido Reyes, E.I.T.

Project Engineer



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

**Project** 

**Brook Run Skate Park NPDES** 

Location

Dunwoody, GA

Client

Dekalb County Purchasing & Contracting - James

\*\*\* Non Compliance Noted \*\*\*

Remarks

Trip Charges\*

Tolls/Parking\*

Mileage\*

Chargeable Items

FIELD REPORT

Project No.

10:4439-A

Report No.

2

Day & Date

Thursday 02/15/2007

Weather

35°/ Sunny

On-Site Time

1.00

Lab Time

0.00

Travel Time\*

0.00

Total

1.00

Re Obs.Time

0.00

Time of

Departure

Arrival 01:15P

02:15P

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to observe BMP'S & perform NPDES inspections. Please see the attached field report for deficiencies.

The site was not in compliance at the time of our visit.

<sup>\*</sup> Travel time and mileage will be billed in accordance with the contract.



## ECS SOUTHEAST, LLC

1281 Kennestone Circle N.E., Suite 100 Marietta, GA 30066 (770) 590-1971

Marietta, GA 30066 (770) 590-1971	To be completed every 7 days AND within 24-hours of a 0.5-inch or more qualifying rainfall event.
Project: Brook Run Skale Park Location: 4770 N. Perchtree Ll.	ECS Project #: 41/39 - A- Date: 02/15/07
Contractor: J.M. Wilkerson Rain Event Quantity:	Inspector: Guido J. Reyes Is site in compliance? No
Site Conditions: Sit fence installed see of the area across HW-2, which were	em to be on good shape, with the exception do repair.
Completed Corrections:  Sitt jeuce from the SE. Correr of th	e project sale has been repair.
1. Deficiency:  I was a packs to be repair  undercutt silt fence and water is	
Recommended Action: Water learning the Sito needs to be padd Hay bales or stone at this are	Code: DM GC  Her before learning the site a Restructual 1 Sitt fence a as needed.
2. Deficiency:  50ils /topsoil Pile	Location: Nomhern Side of Project
Recommended Action:  Sols/ropsoil Pile Should be protective bare for Longer than 14 days	ted: Silt fence, plastic on Straw
3. Deficiency:	Location:
Recommended Action:	Code: I M GC
4. Deficiency:	Location:
Recommended Action:	Code: I M GC

Type of Inspection: Post-rain (Weekly Immediate - Corrected within 24 hours. M Moderate - Corrected within 72 hours.

GC General Conditions - Maintain as needed

**Erosion & Sedimentation Inspection** 

Maintenance/Compliance Report

From:

ECS Mailroom [ecsmailroom10@ecslimited.com]

Sent:

Friday, February 16, 2007 9:38 AM

To:

jstamps@co.dekalb.ga.us; abmartin@co.dekalb.ga.us; danderson@silvermancpm.com;

dsanders@jmwilkerson.com; martiw@altamiradesign.com

Subject:

ECS E-Mail: Brook Run Skate Park Field Reports Sent: 02/17/2007

Attachments:

M00112755M.pdf



Attached are: Brook Run Skate Park Field Reports

Report Number/s included: 24, 25

If you have any questions or concerns regarding this report, DO NOT REPLY TO THIS AUTOMATED E-MAIL.

Please contact:

Guido Reyes, E.I.T. Project Engineer

Direct Line: 678.460.5445 Main Number: 770.419.0745

E-Mail: mailto:GReyes@ecslimited.com

OR

Thomas Dobras, P.E.

Construction Services Manager

Main Number: 770.419.0745 Extension: 5444

E-Mail: mailto:TDobras@ecslimited.com

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## ECS Southeast, LLC 1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971

## LETTER OF TRANSMITTAL

February 17, 2007

Dekalb County Purchasing & Contracting 1300 Commerce Drive Maloof Center - Room 303 Decatur, GA 30030

ATTN: James Stamps, Jr.

RE: Brook Run Skate Park

ECS Job # 10:4439

Permits:

Location: 4770 North Peachtree Road

Dunwoody, GA

We are enclosing:

X Materials Engineering Division Reports

For your use

As requested

CC: Altamira Design and Common Sense, Inc. - Marti Watts

J.M. Wilkerson Const. Co. - Dan Sanders

DeKalb County Development Dept. - Andre B. Martin

United Grading & Excavating Co. - Randy Robison

DeKalb County Park Planning & Developme - Marvin F. Billups Jr.

Silverman CPM - Dawn Anderson

ENCL:

Field Report # 24

02/14/2007

Field Report # 25

02/15/2007

Thomas Dobras, P.E.

Construction Services Manager

Guido Reyes, E.I.T.

Guido J. Rey L

Project Engineer



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

**Brook Run Skate Park** 

Location Dunwoody, GA

Client **Dekalb County Purchasing & Contracting - James** 

Remarks

**Project** 

Trip Charges\* Tolls/Parking\*

Chargeable Items

FIELD REPORT

Project No. 10:4439

24 Report No.

Day & Date Wednesday 02/14/2007

Weather 39°/ Cloudy

On-Site Time 2.75

Lab Time 0.00

Travel Time\* 1.00

Total 3.75 Re Obs.Time 0.00

Time of Arrival

Departure 07:30A 10:15A

\* Travel time and mileage will be billed in accordance with the contract.

Mileage\*

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to observe the placement of 45 cubic yards of 3000 psi concrete for slab on grade on the building pad. Refer to the attached sketch.

The required test limits were determined to be a slump of 4-6 inches, batch to placement time of 90 minutes, and concrete temperature range of 55-90 degrees Fahrenheit.

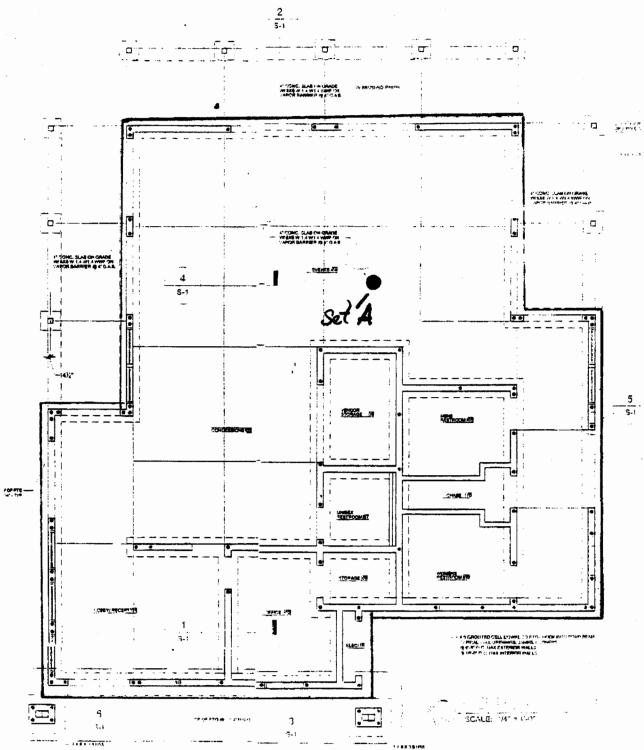
Concrete observed on this date appeared to be placed in compliance with project specifications with regard to temperature, slump, and batch to placement time.

The following samples were obtained for compressive strength testing in our laboratory:

### Set A:

1 set of 4 lab cylinders (3000 psi) for Slab on grade

## Z



Joe Parmier 10-685 Brook Run state 4439 2/14/07

## SOUTHEAST

# **Concrete Summary Report**

Project: Brook Run Skate Park

Project No. 4439

Day/Date: 02/14/07

Client: Dekalb County

Weather / Temp: Cloudy / 39

Location: 4770 North Peachtree Road
Dunwoody, - DeKalb County - GA 30038Contractor: None Listed Supplier: Ready Mix USA

I ocation and Remarks			*			
Water	Added					
Concrete	Temp.	92	92	92	99	92
% Air	117.07					
Chima	dumic	4.00	5.50	4.00	4.00	4.00
Truck Time	Finish	08:20	08:20	08:30	09:35	09:20
Truc	Arrive	60:80	08:30	09:10	09:10	96:60
Batch	Time	07:29	18 08:05	27 08:28	08:43	45 09:15
ncrete	Cum	6	18	27	98	45
CY Concrete	Truck	0.6	0.6	0.6	0.6	0.6
Ticket	No.	30327556	30327560	30327563	30327565	30327560
Truck	No.	610	703	205	610	840
Ž	140.	1	7	3	4	2

By: Joseph C. Parmley

ECS Southeast, LLC

Location:



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

Project

**Brook Run Skate Park** 

Location

Dunwoody, GA

Client

**Dekalb County Purchasing & Contracting - James** 

Remarks

Trip Charges\*

Chargeable Items

Tolls/Parking\*

Mileage\*

Time of

Total

Project No.

Report No.

Day & Date Weather

On-Site Time

Travel Time\*

Re Obs.Time

Lab Time

Arrival Departure

0.00

FIELD REPORT

25

0.50

0.00

1.00 1.50

10:4439

40°/ Cloudy

Thursday 02/15/2007

08:00A 08:30A

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to pick up 1 set of 4 laboratory cured concrete cylinders. The test cylinders were returned to ECS for curing and compressive strength testing. The cylinders were found to be undisturbed.

<sup>\*</sup> Travel time and mileage will be billed in accordance with the contract.

From:

ECS Mailroom [ecsmailroom10@ecslimited.com]

Sent:

Tuesday, February 20, 2007 8:18 AM

To:

jstamps@co.dekalb.ga.us; abmartin@co.dekalb.ga.us; danderson@silvermancpm.com;

dsanders@imwilkerson.com; martiw@altamiradesign.com

Subject:

ECS E-Mail: Brook Run Skate Park Field Reports Sent: 02/20/2007

Attachments:

M00112808M.pdf



Attached are: Brook Run Skate Park Field Reports

Report Number/s included: 26

If you have any questions or concerns regarding this report, DO NOT REPLY TO THIS AUTOMATED E-MAIL. Please contact:

Guido Reyes, E.I.T. Project Engineer

Direct Line: 678.460.5445 Main Number: 770.419.0745

E-Mail: mailto:GReyes@ecslimited.com

OR

Thomas Dobras, P.E.

Construction Services Manager

Main Number: 770.419.0745 Extension: 5444

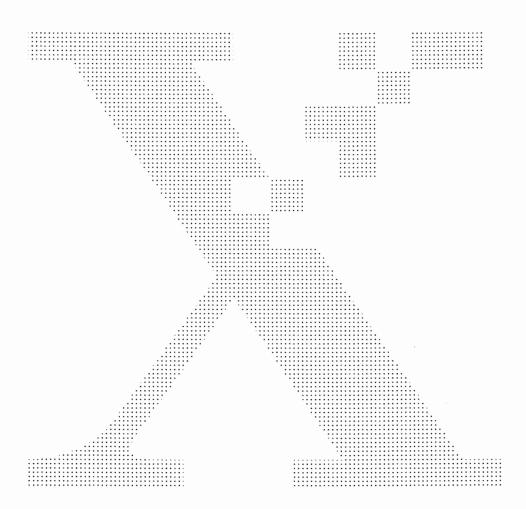
E-Mail: mailto:TDobras@ecslimited.com

You will need Adobe Acrobat Reader to view this file. To download the free reader from Adobe, click on the link below: http://www.adobe.com/prodindex/acrobat/readstep.html

\*\*If you see the \*\*NC\*\* symbol in your subject line, one of the attached reports has a non-compliance issue.\*\* The \*\*NC\*\* symbol is not intended to replace the need to review each field report, but rather to act as a means of sorting multiple emails.

## **jstamps**

M00112808M.pdf 03/15/07 09:33 AM





1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

## LETTER OF TRANSMITTAL

February 20, 2007

Dekalb County Purchasing & Contracting 1300 Commerce Drive Maloof Center - Room 303 Decatur, GA 30030

ATTN: James Stamps, Jr.

RE: Brook Run Skate Park

ECS Job # 10:4439

Permits:

Location: 4770 North Peachtree Road

Dunwoody, GA

We are enclosing:

X Materials Engineering Division Reports

X For your use

X As requested

CC: Altamira Design and Common Sense, Inc. - Marti Watts

J.M. Wilkerson Const. Co. - Dan Sanders

DeKalb County Development Dept. - Andre B. Martin

United Grading & Excavating Co. - Randy Robison

DeKalb County Park Planning & Developme - Marvin F. Billups Jr.

Silverman CPM - Dawn Anderson

ENCL:

Field Report # 26

02/16/2007

Thomas Dooras, P.E. Construction Services 12007

Guido Reyes, E.I.T. Project Engineer

Guido J. Regul



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

Project

**Brook Run Skate Park** 

Location

Dunwoody, GA

Client

**Dekalb County Purchasing & Contracting - James** 

Remarks

Trip Charges\*

Chargeable Items

Tolls/Parking\*

Mileage\*

Time of

Arrival Departure

FIELD REPORT

10:4439 26

38°/ Sunny

3.00

0.00

1.00

4.00

0.00

Friday 02/16/2007

Project No.

Report No.

Day & Date

On-Site Time

Travel Time\*

Re Obs.Time

Weather

Lab Time

Total

01:15P 04:15P

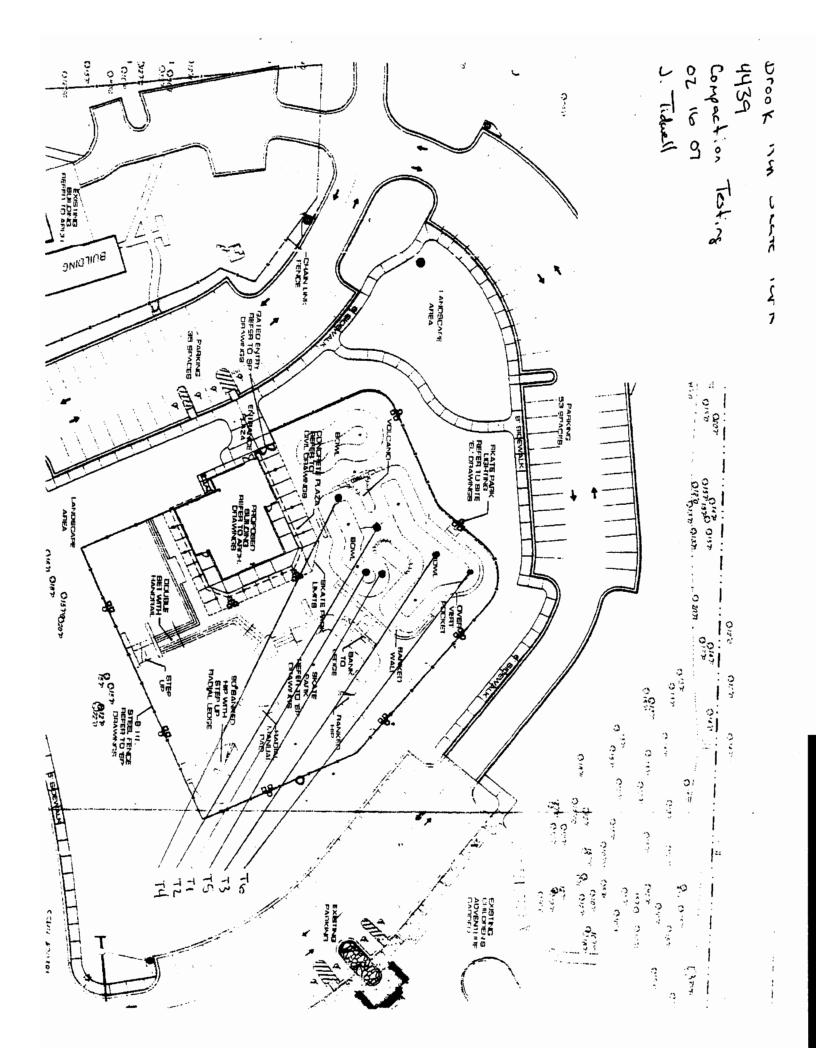
Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to check the compaction of soils for the flow bowl at the Brook Run Skate Park. Refer to the attached sketch.

Utilizing the drive sleeve test method (ASTM-D 2937) to check the compaction of soils, test results indicated that the compacted material, at locations #4, 5, and 6 did not meet the project requirements of 95% of the maximum dry density as obtained in our laboratory using the standard proctor method (ASTM D-698). The contractor was informed of test results and advised to re-compact soils at the flow bowl slopes.

Locations and elevations of all tests are based on stakeout provided by others. We cannot be responsible for structures located off of the observed engineered pad, misaligned utilities or stakeout errors causing uncontrolled fill to be placed in structural areas.

<sup>\*</sup> Travel time and mileage will be billed in accordance with the contract.





Field Density Report **Drive Tube Method** 

Project: Brook Run Skate Park

Client: Dekalb County Purchasing & Contracting Location: Dunwoody

Project No. 4439

Day/Date: 02/16/07 Friday

Weather / Temp: 38 °F Sunny

Permits:

The undersigned arrived on site, as requested, to perform compaction testing on soils utilizing the Drive Tube Method (ASTM D-2937). The locations and results of the tests performed on this date are as follows:

These results are preliminary until signed by an ECS Engineer, Field data, locations, and depths are estimates

lues	Hese results are preminitary until signed by all ECS Englished, Freid data, locations, and deputs are estimates.	ו, רופוע עמומ, יט	caudilis, and	יום פווולסה ו	dilliares.										
Sample: 2	Description:	micaceus sil		octor Metho	d: Standar	Proctor Method: Standard Proctor Method		Jncorrected	Max. Dens	Uncorrected Max. Density: 93.60 pcf Uncorrected Opt. MC: 24.10 %	l pcf [	Jncorrected	d Opt. MC	24.1	% 0
	Clay	Depth		Tb.	WICA)	(ACT M D-096)	Wet	11/04	D		Dry	4	Actual	Snac	Pass
No.	Test Location	from Subgrade	Tube & Soil	Weight	Weight	Volume	Unit Weight	Weight	Weight	Moisture	Unit Weight	Number	%		or Fail
			Weight												
_	Southeast corner of the flow bowl	0.00	2435	622.0	1813	15.12	119.9 200.00 156.00	200.00	156.00	28.2	93.5	2	99.9	92	Ь
7	Center ramp in flow bowl	0.00	2417	624.0	1793	15.12	118.6	200.00 157.00	157.00	27.3	93.1	2	99.4	95	Ь
က	Northeast corner of the flow bowl	0.00	2417	626.0	1791	15.12	118.5	200.00 154.00	154.00	29.8	91.2	2	97.4	92	Ь
4	Southwest corner of the flow bowl approximately 1/2 half way up the	00:00	2247	626.0	1621	15.12	107.2	107.2 200.00 160.00	160.00	25.0	85.7	2	91.6	92	ட
	west bank			·											

\*reobservation

Additional comments:

Jeremy D. Tidwell Print Name:

ECS SOUTHEAST, LLC

## SOUTHEAST

## ECS SOUTHEAST, LLC

## Field Density Report **Drive Tube Method**

Project: Brook Run Skate Park

Location: Dunwoody

Client: Dekalb County Purchasing & Contracting

Project No. 4439

Day/Date: 02/16/07 Friday

Weather / Temp: 38 °F Sunny

Permits:

The undersigned arrived on site, as requested, to perform compaction testing on soils utilizing the Drive Tube Method (ASTM D-2937). The locations and results of the tests performed on this date are as follows:

	l hese	These results are preliminary until signed by an ECS Engineer, Field data, locations, and	. Field data, It	cations, and	depths are estimates.	estimates.					•					
	2	Southeast corner of the flow bowl	0.00	2277	622.0	1655	15.12	109.5 200.00 155.00 29.0	200.00	155.00	29.0	84.8	2	9.06	95	ш
		approximately 1/2 way up the north														
		bank														
·	9	Northeast comer of the flow bowl	0.00	2179	624.0 1555	1555	15.12	102.8 200.00 167.00 19.7	200.00	167.00	19.7	82.8	2	91.7	92	LL
		approximately 1/2 way up the north														
		bank														

\*reobservation

Additional comments:

Print Name:

ECS SOUTHEAST, LLC

Jeremy D. Tidwell

From:

ECS Mailroom [ecsmailroom10@ecslimited.com]

Sent:

Wednesday, February 21, 2007 7:54 AM

To:

jstamps@co.dekalb.ga.us; abmartin@co.dekalb.ga.us; danderson@silvermancpm.com;

dsanders@jmwilkerson.com; martiw@altamiradesign.com

Subject:

ECS E-Mail: Brook Run Skate Park Field Reports Sent: 02/21/2007

Attachments:

M00112873M.pdf



Attached are: Brook Run Skate Park Field Reports

Report Number/s included: 27

If you have any questions or concerns regarding this report, DO NOT REPLY TO THIS AUTOMATED E-MAIL.
Please contact:

Guido Reyes, E.I.T. Project Engineer

Direct Line: 678.460.5445 Main Number: 770.419.0745

E-Mail: mailto:GReyes@ecslimited.com

OR

Thomas Dobras, P.E.

Construction Services Manager

Main Number: 770.419.0745 Extension: 5444

E-Mail: mailto:TDobras@ecslimited.com

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## ECS Southeast, LLC 1281 Kennestone Circle NE Suite 100 Marietta, GA 30066

(770) 590-1971 (770) 590-1975

## LETTER OF TRANSMITTAL

February 21, 2007

Dekalb County Purchasing & Contracting 1300 Commerce Drive Maloof Center - Room 303 Decatur, GA 30030

ATTN: James Stamps, Jr.

RE: Brook Run Skate Park

ECS Job # 10:4439

Permits:

4770 North Peachtree Road Location:

Dunwoody, GA

We are enclosing:

Materials Engineering Division Reports

For your use

As requested

CC: Altamira Design and Common Sense, Inc. - Marti Watts

J.M. Wilkerson Const. Co. - Dan Sanders

DeKalb County Development Dept. - Andre B. Martin

United Grading & Excavating Co. - Randy Robison

DeKalb County Park Planning & Developme - Marvin F. Billups Jr.

Silverman CPM - Dawn Anderson

ENCL:

Field Report # 27

02/19/2007

Thomas Dobras, P.E.

Construction Services Manager

Komas Wobios

Guido Reyes, E.I.T.

Guido J. Reg. V

**Project Engineer** 



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

Project

**Brook Run Skate Park** 

Location

Dunwoody, GA

Client

**Dekalb County Purchasing & Contracting - James** 

Remarks

Trip Charges\*

Tolls/Parking\*

Mileage\*

Chargeable Items

FIELD REPORT

Project No.

10:4439

Report No. 27

Day & Date

Monday 02/19/2007

Weather

42°/ Sunny

On-Site Time 8.25

Lab Time 0.00

Travel Time\* 1.00

Total 9.25

Re Obs.Time 0.00

Times of Arrival

Departure

08:45A 12:15P

12:45P 05:30P

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to conduct following tasks:

1. Perform a one point proctor test for soil to be used at proposed parking area.

Test results as follow:

Visual description: Reddish brown micaceous sandy SILT

Maximum Dry Density 104.1 PCF

Optimum Moisture 18.5%

Also, the undersigned picked up a representative soil sample to be tested in our soil lab.

2. Observe the compaction of soils for proposed bowl. Refer to the attached sketch.

Utilizing the calibrated drive sleeve test method to check the compaction of soils, test results indicated that the compacted material, at the areas and elevations tested, met or exceeded the project requirements of 95% of the maximum dry density as obtained in our laboratory using the standard proctor method (ASTM D-698).

3. Observe the compaction of soils for proposed parking area. Refer to the attached sketch.

Utilizing the calibrated drive sleeve test method to check the compaction of soils, test results indicated that the compacted material, at the areas and elevations tested, met or exceeded the project requirements of 98% of the maximum dry density as obtained using the specification GDT-67, chart 1, curve #4.

<sup>\*</sup> Travel time and mileage will be billed in accordance with the contract.



**Project** 

## ECS Southeast, LLC

1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

**Brook Run Skate Park** 

## FIELD REPORT

Project No.

10:4439

Report No.

27

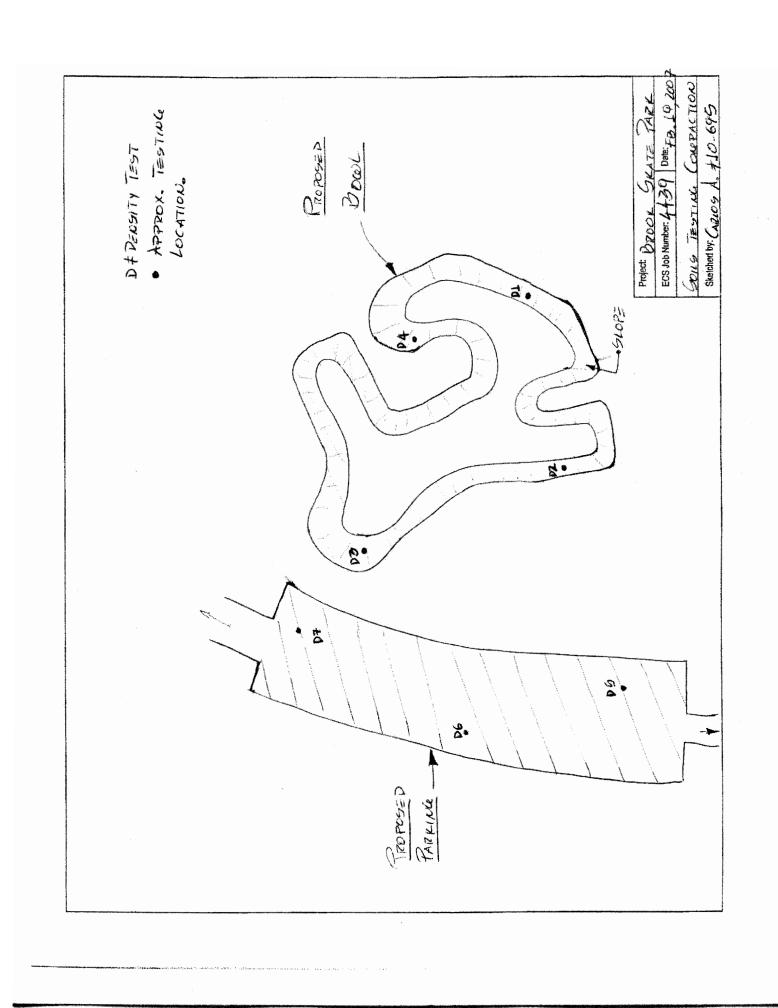
Day & Date

Monday 02/19/2007

Locations and elevations of all tests are based on stakeout provided by others. We cannot be responsible for structures located off of the observed engineered pad, misaligned utilities or

stakeout errors causing uncontrolled fill to be placed in structural areas.

The soils observed on this date appeared to be placed in accordance with project drawings and specifications with regard to lift thickness and moisture content.



## ECS SOUTHEAST, LLC



Field Density Report **Drive Tube Method** 

Project: Brook Run Skate Park

Client: Dekalb County Purchasing & Contracting Location: Dunwoody

Day/Date: 02/19/07 Monday Project No. 4439

Weather / Temp: 42 °F Sunny

Permits:

The undersigned arrived on site, as requested, to perform compaction testing on soils utilizing the Drive Tube Method (ASTM D-2937). The locations and results of the tests performed on this date are as follows:

These results are preliminary until signed by an ECS Engineer, Field data, locations, and depths are estimates.

Samp	Sample: 101 Description: Reddish Brown Micaceous	icaceous	Pro	ctor Metho	d: Standar	Proctor Method: Standard Proctor Method		Incorrected	Max. Dens	ity: 104.	Uncorrected Max. Density: 104.10 pcf Uncorrected Opt. MC: 18.50	Incorrected	Opt. MC:	18.50	%
	T. 110				ACTA	(ACTAIN COO)									
	Saliuy-Sil 1	Depth		H	WITCH)	(0/0-7	Wet	11/24	Č		Dry	D	LAction	Snoc	Pass
S	Test Location	from	Tube	Weight	Weight	Volume	Unit	Weight	Weight	Moisture	Unit	Number		%	ō
<u>.</u>		Subgrade	& Soil	e.	9.5.		Weight				Weight				Fail
			Weight												
2	See sketch	1.00	5.370	1.320	1.320 4.050	.0330	122.7 0.550 0.460	0.550	0.460	19.5	102.6 101	101	98.5	98	Ь
9	See sketch	1.00 5.410	5.410	1.320 4.090	4.090	.0330	123.9	123.9 0.680 0.560		21.4	102.0 101	101	98.0	86	Ь
7	See sketch	1.00 5.420	5.420	1.320	1.320 4.100	.0330		124.2 0.580 0.480	0.480	20.8	102.7 101	101	98.7	86	Ь

Additional comments:

Carlos Andres Rincon Print Name:

ECS SOUTHEAST, LLC

<sup>\*</sup>reobservation

# ECS SOUTHEAST, LLC



Field Density Report **Drive Tube Method** 

Project: Brook Run Skate Park

Location: Dunwoody

Client: Dekalb County Purchasing & Contracting

Project No. 4439

Day/Date: 02/19/07 Monday

Weather / Temp: 42 °F Sunny

Permits:

The undersigned arrived on site, as requested, to perform compaction testing on soils utilizing the Drive Tube Method (ASTM D-2937). The locations and results of the tests performed on this date are as follows:

These results are preliminary until signed by an ECS Engineer, Field data, locations, and depths are estimates.

Sample: 2	Description:	nicaceus silt		ctor Metho	d: Standar	Proctor Method: Standard Proctor Method		Uncorrected Max. Density:	Max. Dens	ity: 93.6	0 pcf	93.60 pcf Uncorrected Opt. MC: 24.10	1 Opt. MC:	24.10	%
	Clay	Depth		T. L.	M (CA)	(8CO-C WICK)	Wet	11/04	ď		Dry	r.	Actival	Snac	Pass
No.	Test Location	from Subgrade	Tube & Soil	Weight	Weight	Volume	Unit Weight	Weight	Weight	Moisture	Unit Weight	Number	%	%	or Fail
			Weight												'
~	See sketch	0.00	4.930	1.320	3.610	.0330	109.4	0.980	0.800	22.5	89.3	2	95.4 95	95	0
2	See sketch	0.00 4.980	4.980	1.320	3.660	.0330	110.9	1.000	0.820	21.9	6.06	2	97.1	92	0
3	See sketch	0.00	5.020	1.320	3.700	.0330	112.1	066.0	0.790	25.3	89.4	2	95.5	95	0
4	See sketch	0.00	4.970	1.320	3.650	.0330	110.6	0.910	0.740	22.9	89.9	2	0.96	92	_

Additional comments:

ECS SOUTHEAST, LLC Carlos Andres Rincon Print Name:

<sup>\*</sup>reobservation

From:

ECS Mailroom [ecsmailroom10@ecslimited.com]

Sent:

Wednesday, February 21, 2007 5:13 PM

To:

jstamps@co.dekalb.ga.us; abmartin@co.dekalb.ga.us; danderson@silvermancpm.com;

dsanders@imwilkerson.com; martiw@altamiradesign.com

Subject:

ECS E-Mail: Brook Run Skate Park Concrete Break Reports Sent: 02/21/2007

**Attachments:** 

C00112941M.pdf



Attached are: Brook Run Skate Park Concrete Break Reports

Report Number/s included: 5

If you have any questions or concerns regarding this report, DO NOT REPLY TO THIS AUTOMATED E-MAIL. Please contact:

Guido Reyes, E.I.T.

Project Engineer

Direct Line: 678.460.5445 Main Number: 770.419.0745

E-Mail: mailto:GReyes@ecslimited.com

OR

Thomas Dobras, P.E.

Construction Services Manager

Main Number: 770.419.0745 Extension: 5444

E-Mail: mailto:TDobras@ecslimited.com

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http://www.adobe.com/prodindex/acrobat/readstep.html



ECS Southeast, LLC 1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

## CONCRETE, GROUT, AND MORTAR TESTS LETTER OF TRANSMITTAL

TO:	Dekalb	County	<b>Purchasing</b>	&	Contractin	ç
			T OUT OTTOCKLITTE	$\sim$	COLLUCULL	٠,

1300 Commerce Drive Maloof Center - Room 303 Decatur, GA 30030

ATTN:

James Stamps, Jr.

JOB NO.: 004439

DATE: 02/21/2007

RE: Brook Run Skate Park

PERMIT #:

LOCATION:

4770 North Peachtree Road, Dunwoody, GA

**DeKalb County County** 

We are enclosing:

X Attached

For Your Use X

X Materials Engineering Division Concrete Reports:

As Requested

5

CC: Altamira Design and Common Sense, Inc. - Marti Watts J.M. Wilkerson Const. Co. - Dan Sanders
DeKalb County Development Dept. - Andre B. Martin
DeKalb County Park Planning & Developme - Marvin F. Billups Jr.
Silverman CPM - Dawn Anderson

By:

Thomas Dobras, P.E.

Construction Services Manager

Muhammad Zia

Project Manager



ECS Southeast, LLC 1281 Kennestone Circle NE Suite 100 Marietta, GA 30066

(770) 590-1971

**Concrete Cylinders Strength Report** 

Project: 4439

Set Designation: A

Cast Date:

Report No.:

02/14/2007

Design Strength:

3000 psi

5

Project:

Brook Run Skate Park

Location:

Owner:

4770 North Peachtree Road, Dunwoody, GA

Client:

Dekalb County Purchasing &

Arch.:

DeKalb County Park Planning & Altamira Design and Common Sense, Inc. -

Gen. Contr.:

Struc. Eng.:

Conc. Contr.:

Placement Location: Slab on grade at building pad

Concrete Supplier: Ready Mix USA

Truck No:

30327560

Mix Designation: 58030AYG

703 Mix Strength: 3000 psi Ticket No: Batch Time: 08:05AM

Added Water:

Time Added:

Unit Wt.:

FIELD TEST DATA: Tested by: Joseph C. Parmley

Temperature - Air:

40° F

Time Sampled:08:42AM

Slump: 5.50 in.

Concrete:

65° F

Air Content:

Sample No	Test Date	Test Age	Type Cure	Diameter In.	Area In.²	Breaking Load,lbs	Compr. Str.,psi	Brk Typ	Break by	Review by
62260	02/21/2007	7	Lab	4.00	12.56	49810	3960			MNZ
62261	02/28/2007	14	Lab	4.00	12.56					
62262	03/14/2007	28	Lab	4.00	12.56					
62263	03/14/2007	28	Lab	4.00	12.56					

Sampling in accordance with (iaw) ASTM C172, except that samples may have been taken from the beginning of the load after a minimum discharge of approximately one cubic yard. Cylinder molding and laboratory curing iaw ASTM C31, compressive strength test and break type iaw ASTM C39, slump iaw C143, air content iaw ASTM C173 (V) or C231 (P), temperature iaw ASTM C1064, and unit weight iaw ASTM C138. Cylinders are tested using unbonded caps iaw ASTM C1231 or are capped using sulphur mortar iaw C617. Break Types are classified as: Type 1, 2, 3, 4, 5, or 6 iaw C39-04a

## FIELD CURING CONDITIONS:

Curing Box X No Curing Box Insulated

Cooled

Ice

Heated

Caps

X Other

Remarks:

Final Review By: -

GR01

Print Date:

02/21/2007

From:

ECS Mailroom [ecsmailroom10@ecslimited.com]

Sent:

Monday, February 26, 2007 11:34 AM

To:

jstamps@co.dekalb.ga.us; abmartin@co.dekalb.ga.us; danderson@silvermancpm.com;

dsanders@jmwilkerson.com; martiw@altamiradesign.com

Subject:

ECS E-Mail: Brook Run Skate Park Field Reports Sent: 02/26/2007

Attachments:

M00113028M.pdf



Attached are: Brook Run Skate Park Field Reports

Report Number/s included: 29

If you have any questions or concerns regarding this report, DO NOT REPLY TO THIS AUTOMATED E-MAIL. Please contact:

Guido Reyes, E.I.T. Project Engineer

Direct Line: 678.460.5445

Main Number: 770.419.0745

E-Mail: mailto:GReyes@ecslimited.com

Thomas Dobras, P.E.

Construction Services Manager

Main Number: 770.419.0745 Extension: 5444

E-Mail: mailto:TDobras@ecslimited.com

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1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

## LETTER OF TRANSMITTAL

February 26, 2007

Dekalb County Purchasing & Contracting 1300 Commerce Drive Maloof Center - Room 303 Decatur, GA 30030

ATTN: James Stamps, Jr.

RE: Brook Run Skate Park

ECS Job # 10:4439

Permits:

Location: 4770 North Peachtree Road

Dunwoody, GA

We are enclosing:

X Materials Engineering Division Reports

X For your use

X As requested

CC: Altamira Design and Common Sense, Inc. - Marti Watts

J.M. Wilkerson Const. Co. - Dan Sanders

DeKalb County Development Dept. - Andre B. Martin

United Grading & Excavating Co. - Randy Robison

DeKalb County Park Planning & Developme - Marvin F. Billups Jr.

Silverman CPM - Dawn Anderson

ENCL:

Field Report # 29

02/23/2007

Thomas Dobras, P.E.

Construction Services Manager

Muhammad Zia Project Manager



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

**Project** 

**Brook Run Skate Park** 

Location

Dunwoody, GA

Client

**Dekalb County Purchasing & Contracting - James** 

Day & Date

Friday 02/23/2007

FIELD REPORT

10:4439 29

1.00

2.00

Weather

Project No.

Report No.

On-Site Time

Lab Time 0.00

Travel Time\* 1.00

Total

Re Obs.Time 0.00

Remarks

Trip Charges\*

Tolls/Parking\*

Mileage\*

Time of

Arrival

Departure

01:30P

02:30P

Chargeable Items

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

Undersigned arrived on site for quality control inspection visit and observe various construction activities going on the project. Undersigned met with Site Supervisor of J.M. Wilkerson and discussed backfilling of retaining wall footing at detention pond.

Contractor intends to start backfilling soon and ECS representative will monitor the backfilling operation.

<sup>\*</sup> Travel time and mileage will be billed in accordance with the contract.

From: ECS Mailroom [ecsmailroom10@ecslimited.com]

Sent: Tuesday, February 27, 2007 6:20 PM

To: jstamps@co.dekalb.ga.us; abmartin@co.dekalb.ga.us; danderson@silvermancpm.com;

dsanders@jmwilkerson.com; martiw@altamiradesign.com

Subject: ECS E-Mail: Brook Run Skate Park Concrete Break Reports Sent: 02/27/2007

Attachments: C00113122M.pdf



Attached are: Brook Run Skate Park Concrete Break Reports

Report Number/s included: 6

If you have any questions or concerns regarding this report, DO NOT REPLY TO THIS AUTOMATED E-MAIL. Please contact:

Guido Reyes, E.I.T. Project Engineer

Direct Line: 678.460.5445 Main Number: 770.419.0745

E-Mail: mailto:GReyes@ecslimited.com

OR

Thomas Dobras, P.E.

Construction Services Manager

Main Number: 770.419.0745 Extension: 5444

E-Mail: mailto:TDobras@ecslimited.com

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http://www.adobe.com/prodindex/acrobat/readstep.html



## CONCRETE, GROUT, AND MORTAR TESTS LETTER OF TRANSMITTAL

TO	Dekalb County Purchasing & Contracting	DATE: 02/27/2007
	1300 Commerce Drive Maloof Center - Room 303	RE: Brook Run Skate Park
	Decatur, GA 30030	PERMIT #:
	ATTN: James Stamps, Jr.	
	JOB NO.: 004439	
		LOCATION:
		4770 North Peachtree Road, Dunwoody, GA
		DeKalb County County
We a	re enclosing:	
X	Attached	X For Your Use
X	Materials Engineering Division Concrete Rep	ports: X As Requested
	6	

CC: Altamira Design and Common Sense, Inc. - Marti Watts J.M. Wilkerson Const. Co. - Dan Sanders DeKalb County Development Dept. - Andre B. Martin DeKalb County Park Planning & Developme - Marvin F. Billups Jr. Silverman CPM - Dawn Anderson

By:

Thomas Dobras, P.E. Construction Services Manager Muhammad Zia Project Manager



ECS Southeast, LLC 1281 Kennestone Circle NE

Marietta, GA 30066 (770) 590-1971

**Concrete Cylinders Strength Report** 

Dekalb County Purchasing &

Project: 4439

Set Designation: A

Cast Date:

02/20/2007

Design Strength:

3000 psi

Project:

Brook Run Skate Park

Location: 4770 North Peachtree Road, Dunwoody, GA Report No.:

6

Owner: Arch .:

Struc. Eng.:

DeKalb County Park Planning &

Altamira Design and Common Sense, Inc. -

Client:

Gen. Contr.:

Conc. Contr.:

Placement Location: Slab on grade Exterior sidewalk

Concrete Supplier: Ready Mix USA

Truck No:

717

Ticket No:

734

Mix Designation: 51730A1B Added Water:

Mix Strength: 3000 psi Time Added:

Batch Time: 11:03AM Unit Wt.:

FIELD TEST DATA: Tested by: Carlos Andres Rincon

46° F

Time Sampled:11:34AM

Slump: 3.00 in.

Temperature - Air:

Concrete:

Air Content: 65° F

Sample No	Test Date	Test Age	Type Cure	Diameter In.	Area In.²	Breaking Load,lbs	Compr. Str.,psi	Brk Typ	Break by	Review by
62399	02/27/2007	7	Lab	4.00	12.56	32680	2600			MNZ
62400	03/20/2007	28	Lab	4.00	12.56					
62401	03/20/2007	28	Lab	4.00	12.56					
62402	03/20/2007	28	Lab	4.00	12.56					

Sampling in accordance with (law) ASTM C172, except that samples may have been taken from the beginning of the load after a minimum discharge of approximately one cubic yard. Cylinder molding and laboratory curing iaw ASTM C31, compressive strength test and break type iaw ASTM C39, slump iaw C143, air content iaw ASTM C173 (V) or C231 (P), temperature law ASTM C1064, and unit weight law ASTM C138. Cylinders are tested using unbonded caps law ASTM C1231 or are capped using sulphur mortar iaw C617. Break Types are classified as: Type 1, 2, 3, 4, 5, or 6 iaw C39-04a

## FIELD CURING CONDITIONS:

Curing Box X No Curing Box

Insulated Heated

X

Cooled X Caps

Ice Other

Remarks:

Final Review By:

GR01

Print Date:

02/27/2007

From: ECS

ECS Mailroom [ecsmailroom10@ecslimited.com]

Sent: Thursday, March 01, 2007 9:35 AM

To: jstamps@co.dekalb.ga.us; abmartin@co.dekalb.ga.us; danderson@silvermancpm.com;

dsanders@jmwilkerson.com; martiw@altamiradesign.com

Subject: ECS E-Mail: Brook Run Skate Park Concrete Break Reports Sent: 03/01/2007

Attachments: C00113159M.pdf



Attached are: Brook Run Skate Park Concrete Break Reports

Report Number/s included: 4, 5

If you have any questions or concerns regarding this report, DO NOT REPLY TO THIS AUTOMATED E-MAIL.
Please contact:

Guido Reyes, E.I.T. Project Engineer

Direct Line: 678.460.5445 Main Number: 770.419.0745

E-Mail: mailto:GReyes@ecslimited.com

OR

Thomas Dobras, P.E.

Construction Services Manager

Main Number: 770.419.0745 Extension: 5444

E-Mail: mailto:TDobras@ecslimited.com

You will need Adobe Acrobat Reader to view this file. To download the free reader from Adobe, click on the link below: http://www.adobe.com/prodindex/acrobat/readstep.html



### CONCRETE, GROUT, AND MORTAR TESTS LETTER OF TRANSMITTAL

TO: Dekalb County Purchasing & Contracting

1300 Commerce Drive Maloof Center - Room 303 Decatur, GA 30030

ATTN:

James Stamps, Jr.

JOB NO.: 004439

DATE: 03/01/2007

RE: Brook Run Skate Park

PERMIT #:

LOCATION:

4770 North Peachtree Road, Dunwoody, GA

**DeKalb County County** 

We are enclosing:

X Attached

X For Your Use

X Materials Engineering Division Concrete Reports:

X As Requested

4, 5

CC: Altamira Design and Common Sense, Inc. - Marti Watts J.M. Wilkerson Const. Co. - Dan Sanders DeKalb County Development Dept. - Andre B. Martin DeKalb County Park Planning & Developme - Marvin F. Billups Jr. Silverman CPM - Dawn Anderson

By:

Robert Goehring, P.E.
Senior Principal Engineer

Muhammad Zia Project Manager



**Concrete Cylinders Strength Report** 

Project: 4439

Set Designation: A

Cast Date:

01/31/2007

Design Strength:

3000 psi

Report No.:

4

Project:

Brook Run Skate Park

Location:

4770 North Peachtree Road, Dunwoody, GA

Owner:

DeKalb County Park Planning &

Client:

Dekalb County Purchasing &

Arch.: Struc. Eng.:

Altamira Design and Common Sense, Inc. -

Gen. Contr.:

Conc. Contr.:

Placement Location: Building Footings

Concrete Supplier: Ready Mix USA

Truck No:

315

Ticket No:

30327213

Mix Designation: 60140E1B

Mix Strength: 3000 psi

Batch Time: 10:28AM

Added Water:

Time Added:

Unit Wt.:

FIELD TEST DATA: Tested by: Joseph C. Parmley

Temperature - Air:

40° F

Time Sampled:11:30AM

Slump: 4.50 in.

Air Content: Concrete: 65° F

Sample No	Test Date	Test Age	Type Cure	Diameter In.	Area In.²	Breaking Load,lbs	Compr. Str.,psi	Brk Typ	Break by	Review by
61899	02/07/2007	7	Lab	4.00	12.56	43520	3460			MNZ
61900	02/28/2007	28	Lab	4.00	12.56	75870	6040			MNZ
61901	02/28/2007	28	Lab	4.00	12.56	73520	5850			MNZ
61902	02/28/2007	28	Lab	4.00	12.56					

Sampling in accordance with (iaw) ASTM C172, except that samples may have been taken from the beginning of the load after a minimum discharge of approximately one cubic yard. Cylinder molding and laboratory curing iaw ASTM C31, compressive strength test and break type iaw ASTM C39, slump iaw C143, air content iaw ASTM C173 (V) or C231 (P), temperature iaw ASTM C1064, and unit weight iaw ASTM C138. Cylinders are tested using unbonded caps iaw ASTM C1231 or are capped using sulphur mortar law C617. Break Types are classified as: Type 1, 2, 3, 4, 5, or 6 law C39-04a

### **FIELD CURING CONDITIONS:**

**Curing Box** 

Insulated

Cooled

Ice

Robert & Joching

X No Curing Box

Heated

Caps

X Other

Remarks:

Final Review By:

GR01

Print Date:

03/01/2007



**Concrete Cylinders Strength Report** 

Project: 4439

Set Designation: A

Cast Date:

02/14/2007

Design Strength:

3000 psi

Report No.:

5

Project:

Brook Run Skate Park

Location: 4770 North Peachtree Road, Dunwoody, GA

Owner: Arch.:

DeKalb County Park Planning &

Altamira Design and Common Sense, Inc. -Struc. Eng.:

Client:

Dekalb County Purchasing &

Gen. Contr.: Conc. Contr.:

Placement Location: Slab on grade at building pad

Concrete Supplier: Ready Mix USA

Truck No:

703

Ticket No:

30327560

Mix Designation: 58030AYG

FIELD TEST DATA: Tested by: Joseph C. Parmley

Mix Strength: 3000 psi

Batch Time: 08:05AM

Added Water:

Time Added:

Unit Wt.:

Slump: 5.50 in.

Temperature - Air:

40° F

Time Sampled:08:42AM Concrete:

65° F

Air Content:

Sample No	Test Date	Test Age	Type Cure	Diameter In.	Area In. <sup>2</sup>	Breaking Load,lbs	Compr. Str.,psi	Brk Typ	Break by	Review by
62260	02/21/2007	7	Lab	4.00	12.56	49810	3960			MNZ
62261	02/28/2007	14	Lab	4.00	12.56	59780	4760			MNZ
62262	03/14/2007	28	Lab	4.00	12.56					
62263	03/14/2007	28	Lab	4.00	12.56					

Sampling in accordance with (law) ASTM C172, except that samples may have been taken from the beginning of the load after a minimum discharge of approximately one cubic yard. Cylinder molding and laboratory curing law ASTM C31, compressive strength test and break type law ASTM C39, slump law C143, air content law ASTM C173 (V) or C231 (P), temperature iaw ASTM C1064, and unit weight iaw ASTM C138. Cylinders are tested using unbonded caps iaw ASTM C1231 or are capped using sulphur mortar iaw C617. Break Types are classified as: Type 1, 2, 3, 4, 5, or 6 iaw C39-04a

### FIELD CURING CONDITIONS:

Curing Box X No Curing Box Insulated Heated

Cooled Caps

Ice X Other

Remarks:

Final Review By: -

GR01

Print Date:

03/01/2007

From:

ECS Mailroom [ecsmailroom10@ecslimited.com]

Sent:

Thursday, March 01, 2007 10:10 AM

To:

jstamps@co.dekalb.ga.us; abmartin@co.dekalb.ga.us; danderson@silvermancpm.com;

dsanders@jmwilkerson.com; martiw@altamiradesign.com

Subject:

ECS E-Mail: Brook Run Skate Park Field Reports Sent: 03/01/2007

Attachments:

M00113139M.pdf



M00113139M.pdf (773 KB)

Attached are: Brook Run Skate Park Field Reports

Report Number/s included: 32, 33

If you have any questions or concerns regarding this report, DO NOT REPLY TO THIS AUTOMATED E-MAIL. Please contact:

Guido Reyes, E.I.T. Project Engineer

Direct Line: 678.460.5445 Main Number: 770.419.0745

E-Mail: mailto:GReyes@ecslimited.com

OR

Thomas Dobras, P.E.

Construction Services Manager

Main Number: 770.419.0745 Extension: 5444

E-Mail: mailto:TDobras@ecslimited.com

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### LETTER OF TRANSMITTAL

March 1, 2007

Dekalb County Purchasing & Contracting 1300 Commerce Drive Maloof Center - Room 303 Decatur, GA 30030

ATTN: James Stamps, Jr.

RE: Brook Run Skate Park

ECS Job # 10:4439

Permits:

Location: 4770 North Peachtree Road

Dunwoody, GA

We are enclosing:

X Materials Engineering Division Reports

X For your use

X As requested

CC: Altamira Design and Common Sense, Inc. - Marti Watts

J.M. Wilkerson Const. Co. - Dan Sanders

DeKalb County Development Dept. - Andre B. Martin

United Grading & Excavating Co. - Randy Robison

DeKalb County Park Planning & Developme - Marvin F. Billups Jr.

Silverman CPM - Dawn Anderson

ENCL:

Field Report # 32

02/26/2007

Field Report # 33

02/27/2007

Robert Goehring, P.E.

Senior Principal Engineer

Muhammad Zia

Project Manager



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

**Project** 

**Brook Run Skate Park** 

Location

Dunwoody, GA

Client

**Dekalb County Purchasing & Contracting - James** 

Remarks

Trip Charges\*

Chargeable Items

Tolls/Parking\*

Mileage\*

FIELD REPORT

Project No.

10:4439

Report No.

32

Day & Date

Monday 02/26/2007

Weather

55°/ Sunny

On-Site Time

4.00

Lab Time

0.00

Travel Time\*

1.00 5.00

Total Re Obs.Time

0.00

Time of

Arrival

Departure

10:00A 02:00P

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to observe daily construction activities.

- 1. Compacted fill placement at The Grand Prix (skate bowl). No tests were conducted on this date because at this time no compacted fill was being placed.
- 2. Masonry wall construction at office/concession stand exterior walls.

During the placement of masonry vertical and horizontal reinforcement, control joints, and wall ties appeared to be placed in general accordance with project drawings and specifications. Prior to the placement of grout, the cells to be grouted were observed for cleanliness and no mortar fins larger than 1/2 inch were observed. Grout was placed in lifts less than five feet.

The undersigned cast 1 set of 4 grout prisms at the west wall 48 inches south of the north doorway for compressive strength testing in our laboratory.

<sup>\*</sup> Travel time and mileage will be billed in accordance with the contract.



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

Project

**Brook Run Skate Park** 

Location

Dunwoody, GA

Client

**Dekalb County Purchasing & Contracting - James** 

Remarks

Trip Charges\*

Chargeable Items

Tolls/Parking\*

Mileage\*

FIELD REPORT

Project No.

10:4439

Report No.

33

Day & Date

Tuesday 02/27/2007

Weather

70°/ Sunny

On-Site Time

5.50 0.00

Lab Time Travel Time\*

1.00

Total

6.50

0.00

Re Obs.Time

Time of Arrival

Departure

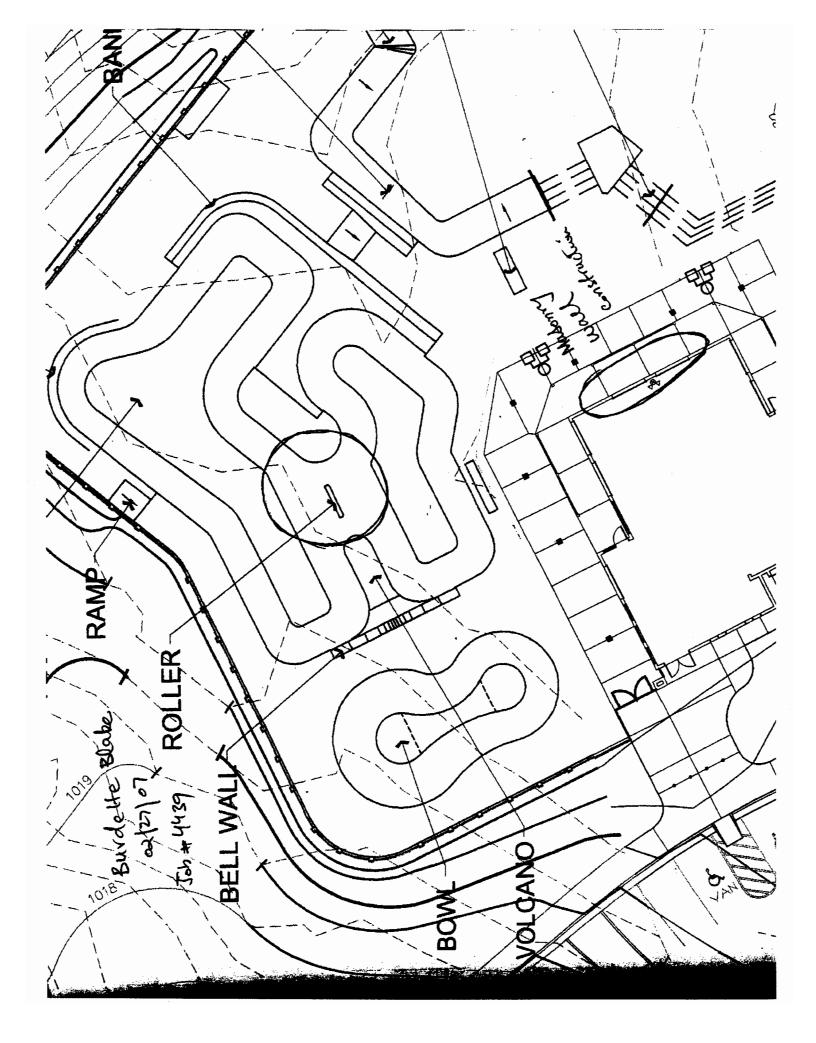
11:30A 05:00P

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to observe daily construction activities on the project.

While on site the Contractor was hauling off topsoil and unsuitable material from site. Grading work was in progress at roller. Refer to the attached sketch. Masonry wall construction was in progress at office/concession stand exterior walls.

<sup>\*</sup> Travel time and mileage will be billed in accordance with the contract.



From:

ECS Mailroom [ecsmailroom10@ecslimited.com]

Sent:

Friday, March 02, 2007 5:33 PM

To:

jstamps@co.dekalb.ga.us; abmartin@co.dekalb.ga.us; danderson@silvermancpm.com;

dsanders@imwilkerson.com; martiw@altamiradesign.com

Subject:

ECS E-Mail: Brook Run Skate Park Field Reports Sent: 03/02/2007

Attachments:

M00113224M.pdf



Attached are: Brook Run Skate Park Field Reports

Report Number/s included: 35

If you have any questions or concerns regarding this report, DO NOT REPLY TO THIS AUTOMATED E-MAIL. Please contact:

Guido Reyes, E.I.T. Project Engineer

Direct Line: 678.460.5445 Main Number: 770.419.0745

E-Mail: mailto:GReyes@ecslimited.com

OR

Thomas Dobras, P.E.

Construction Services Manager

Main Number: 770.419.0745 Extension: 5444

E-Mail: mailto:TDobras@ecslimited.com

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### LETTER OF TRANSMITTAL

March 2, 2007

Dekalb County Purchasing & Contracting 1300 Commerce Drive Maloof Center - Room 303

Decatur, GA 30030

ATTN: James Stamps, Jr.

RE: Brook Run Skate Park

ECS Job # 10:4439

Permits:

Location: 4770 North Peachtree Road

Dunwoody, GA

We are enclosing:

X Materials Engineering Division Reports

X For your use

X As requested

CC: Altamira Design and Common Sense, Inc. - Marti Watts

J.M. Wilkerson Const. Co. - Dan Sanders

DeKalb County Development Dept. - Andre B. Martin

United Grading & Excavating Co. - Randy Robison

DeKalb County Park Planning & Developme - Marvin F. Billups Jr.

Silverman CPM - Dawn Anderson

ENCL:

Field Report # 35

02/28/2007

Thomas Dobras, P.E.

Construction Services Manager

Muhammad Zia

Project Manager



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

Project

**Brook Run Skate Park** 

Location

Dunwoody, GA

Client

**Dekalb County Purchasing & Contracting - James** 

FIELD REPORT

Project No.

10:4439

Report No.

. 35

Day & Date

Wednesday 02/28/2007

Weather

64°/ Sunny

On-Site Time

1.50

Lab Time

0.00

Travel Time\*

1.00

Total

2.50 0.00

Remarks

Trip Charges\*

Tolls/Parking\*

Mileage\*

Time of A

Re Obs.Time

Arrival Departure

04:00P

05:30P

Chargeable Items

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to observe the installation of structural steel for steel pipe coping for proposed grand prix bowl.

Following elements were visually checked during today's visit:

- 1. Welding connections for aforementioned structure.
- a. No porosity observed.
- b. Welding continuity.
- c. Nonmetallic inclusions, nor cracking or surfaces holes were observed.
- 2. Nelson studs, pattern 18" o.c.

Refer to drawing SP-3.3, details 1 and 3.

All steel observed on this date appeared to be installed in accordance with project drawings, specifications and AWS D1.1 codes.

<sup>\*</sup> Travel time and mileage will be billed in accordance with the contract.

From:

ECS Mailroom [ecsmailroom10@ecslimited.com]

Sent:

Friday, March 02, 2007 5:32 PM

To:

jstamps@co.dekalb.ga.us; abmartin@co.dekalb.ga.us; danderson@silvermancpm.com;

dsanders@jmwilkerson.com; martiw@altamiradesign.com

Subject:

ECS E-Mail: Brook Run Skate Park Field Reports Sent: 03/02/2007

Attachments:

M00113224M.pdf



Attached are: Brook Run Skate Park Field Reports

Report Number/s included: 35

If you have any questions or concerns regarding this report, DO NOT REPLY TO THIS AUTOMATED E-MAIL. Please contact:

Guido Reyes, E.I.T. Project Engineer

Direct Line: 678.460.5445 Main Number: 770.419.0745

E-Mail: mailto:GReyes@ecslimited.com

OR

Thomas Dobras, P.E.

Construction Services Manager

Main Number: 770.419.0745 Extension: 5444

E-Mail: mailto:TDobras@ecslimited.com

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### LETTER OF TRANSMITTAL

March 2, 2007

Dekalb County Purchasing & Contracting 1300 Commerce Drive Maloof Center - Room 303 Decatur, GA 30030

ATTN: James Stamps, Jr.

RE: Brook Run Skate Park

ECS Job # 10:4439

Permits:

Location: 4770 North Peachtree Road

Dunwoody, GA

We are enclosing:

X Materials Engineering Division Reports

X For your use

X As requested

CC: Altamira Design and Common Sense, Inc. - Marti Watts

J.M. Wilkerson Const. Co. - Dan Sanders

DeKalb County Development Dept. - Andre B. Martin

United Grading & Excavating Co. - Randy Robison

DeKalb County Park Planning & Developme - Marvin F. Billups Jr.

Silverman CPM - Dawn Anderson

ENCL:

Field Report # 35

02/28/2007

Thomas Dobras, P.E.

Construction Services Manager

Muhammad Zia

Project Manager



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

Project

**Brook Run Skate Park** 

Location

Dunwoody, GA

Client

**Dekalb County Purchasing & Contracting - James** 

FIELD REPORT

Project No.

10:4439

Report No.

35

Day & Date

Wednesday 02/28/2007

Weather

64°/ Sunny

On-Site Time

1.50

Lab Time

0.00

Travel Time\*

1.00

Total

2.50

Re Obs.Time

0.00

Remarks

Trip Charges\*

Chargeable Items

Tolls/Parking\*

Mileage\*

Time of

Departure Arrival

04:00P

05:30P

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to observe the installation of structural steel for steel pipe coping for proposed grand prix bowl.

Following elements were visually checked during today's visit:

- 1. Welding connections for aforementioned structure.
- a. No porosity observed.
- b. Welding continuity.
- c. Nonmetallic inclusions, nor cracking or surfaces holes were observed.
- 2. Nelson studs, pattern 18" o.c.

Refer to drawing SP-3.3, details 1 and 3.

All steel observed on this date appeared to be installed in accordance with project drawings, specifications and AWS D1.1 codes.

<sup>\*</sup> Travel time and mileage will be billed in accordance with the contract.

From:

ECS Mailroom [ecsmailroom10@ecslimited.com]

Sent:

Monday, March 05, 2007 8:34 AM

To:

jstamps@co.dekalb.ga.us; abmartin@co.dekalb.ga.us; danderson@silvermancpm.com;

dsanders@imwilkerson.com; martiw@altamiradesign.com

Subject:

ECS E-Mail: Brook Run Skate Park Field Reports Sent: 03/05/2007

Attachments:

M00113237M.pdf



Attached are: Brook Run Skate Park Field Reports

Report Number/s included: 36, 37

If you have any questions or concerns regarding this report, DO NOT REPLY TO THIS AUTOMATED E-MAIL.
Please contact:

Guido Reyes, E.I.T. Project Engineer

Direct Line: 678.460.5445 Main Number: 770.419.0745

E-Mail: mailto:GReyes@ecslimited.com

OR

Thomas Dobras, P.E.

Construction Services Manager

Main Number: 770.419.0745 Extension: 5444

E-Mail: mailto:TDobras@ecslimited.com

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### LETTER OF TRANSMITTAL

March 5, 2007

Dekalb County Purchasing & Contracting 1300 Commerce Drive Maloof Center - Room 303 Decatur, GA 30030

ATTN: James Stamps, Jr.

RE: Brook Run Skate Park

ECS Job # 10:4439

Permits:

Location: 4770 North Peachtree Road

Dunwoody, GA

We are enclosing:

X Materials Engineering Division Reports

X For your use X As requested

CC: Altamira Design and Common Sense, Inc. - Marti Watts

J.M. Wilkerson Const. Co. - Dan Sanders

DeKalb County Development Dept. - Andre B. Martin United Grading & Excavating Co. - Randy Robison

DeKalb County Park Planning & Developme - Marvin F. Billups Jr.

Silverman CPM - Dawn Anderson

ENCL:

Field Report # 36

03/01/2007

Field Report # 37

03/02/2007

Thomas Dobras, P.E.

Construction Services Manager

Muhammad Zia

Project Manager



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

**Project** 

**Brook Run Skate Park** 

Location

Dunwoody, GA

Client

**Dekalb County Purchasing & Contracting - James** 

Remarks

Trip Charges\*

Chargeable Items

Tolls/Parking\*

Mileage\*

FIELD REPORT

Project No.

10:4439

Report No.

36

Day & Date

Thursday 03/01/2007

Weather

65°/ Rain

On-Site Time

1.00 0.00

Lab Time Travel Time\*

1.00

Total

2.00

Re Obs.Time 0.00

Time of Arrival Departure

07:00A 08:00A

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site as requested to observe the compaction of soils. Upon arriving on site the contractor informed the undersigned that work was cancelled due to rain.

<sup>\*</sup> Travel time and mileage will be billed in accordance with the contract.



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

Project

**Brook Run Skate Park** 

Location

Dunwoody, GA

Client

**Dekalb County Purchasing & Contracting - James** 

FIELD REPORT

Project No.

10:4439

Report No.

37

Day & Date

Friday 03/02/2007

Weather

60°/ Sunny

On-Site Time

1.00

Lab Time

0.00

Travel Time\*

1.00

Total

2.00 0.00

Remarks

Trip Charges\*

Chargeable Items

Tolls/Parking\*

Mileage\*

Time of

Re Obs.Time

Departure Arrival

09:00A

10:00A

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

\* Travel time and mileage will be billed in accordance with the contract.

The undersigned arrived on site to observe daily construction activities.

Upon arriving on site the contractor informed the undersigned that work was cancelled due to wet soil conditions.

From:

ECS Mailroom [ecsmailroom10@ecslimited.com]

Sent:

Wednesday, March 07, 2007 2:03 PM

To:

istamps@co.dekalb.ga.us; abmartin@co.dekalb.ga.us; danderson@silvermancpm.com;

dsanders@imwilkerson.com; martiw@altamiradesign.com

Subject:

ECS E-Mail: Brook Run Skate Park Concrete Break Reports Sent: 03/07/2007

Attachments:

C00113305M.pdf



Attached are: Brook Run Skate Park Concrete Break Reports

Report Number/s included: 7

If you have any questions or concerns regarding this report, DO NOT REPLY TO THIS AUTOMATED E-MAIL. Please contact:

Guido Reyes, E.I.T. Project Engineer

Direct Line: 678.460.5445 Main Number: 770.419.0745

E-Mail: mailto:GReyes@ecslimited.com

OR

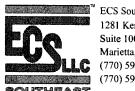
Thomas Dobras, P.E.

Construction Services Manager

Main Number: 770.419.0745 Extension: 5444

E-Mail: mailto:TDobras@ecslimited.com

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### CONCRETE, GROUT, AND MORTAR TESTS LETTER OF TRANSMITTAL

TO: Dekalb County Purchasing & Contracting

1300 Commerce Drive Maloof Center - Room 303

Decatur, GA 30030

ATTN:

James Stamps, Jr.

JOB NO.: 004439

DATE: 03/07/2007

RE: Brook Run Skate Park

PERMIT #:

LOCATION:

4770 North Peachtree Road, Dunwoody, GA

DeKalb County County

We are enclosing:

X Attached

For Your Use X

X Materials Engineering Division Concrete Reports: X As Requested

7

### POSSIBLE LOW 28-DAY TEST RESULTS REPORTS 7

CC: Altamira Design and Common Sense, Inc. - Marti Watts J.M. Wilkerson Const. Co. - Dan Sanders
DeKalb County Development Dept. - Andre B. Martin
DeKalb County Park Planning & Developme - Marvin F. Billups Jr.
Silverman CPM - Dawn Anderson

By:

Thomas Dobras, P.E.

Construction Services Manager

Muhammad Zia

**Project Manager** 

**Grout Prisms Strength Report** 

Project: 4439

Set Designation:

02/26/2007

Cast Date:

Design Strength:

3000 psi

Project:

Brook Run Skate Park

Location: 4770 North Peachtree Road, Dunwoody, GA Report No.:

7

Owner: Arch.:

DeKalb County Park Planning &

Altamira Design and Common Sense, Inc. -

Client:

Dekalb County Purchasing &

Struc. Eng.:

Gen. Contr.: Conc. Contr.:

Placement Location: Office/concession stand exterior walls

Concrete Supplier: Batched on Site

Truck No:

Ticket No:

Mix Designation: -

Mix Strength: 3000 psi

Batch Time: 1:00PM

Added Water:

Time Added:

Unit Wt.:

FIELD TEST DATA: Tested by: Alan Sean Miller

Temperature - Air:

Time Sampled: 1:05PM

Slump:

Concrete:

Air Content:

Sample No	Test Date	Test Age	Type Cure	Length In.	Area In.²	Breaking Load,lbs	Compr. Str.,psi	Brk Typ	Break by	Review by
62747	03/05/2007	7	Lab	3.30	10.89	16990	1560			MNZ
62748	03/26/2007	28	Lab	3.30	10.89					
62749	03/26/2007	28	Lab	3.30	10.89					
62750	03/26/2007	28	Lab	3.30	10.89					

Sampling, prism molding, and laboratory curing in accordance with (iaw) ASTM C1019. Compressive strength test iaw ASTM C39, temperature iaw ASTM C1064, slump iaw ASTM C143, and capping iaw ASTM C617.

FIELD CURING CONDITIONS:

Curing Box

Insulated

Cooled

Ice

X No Curing Box

Heated

Caps

Other

Remarks:

Final Review By:

### **POSSIBLE LOW 28-DAY TEST RESULTS**

From:

ECS Mailroom [ecsmailroom10@ecslimited.com]

Sent:

Wednesday, March 07, 2007 2:03 PM

To:

jstamps@co.dekalb.ga.us; abmartin@co.dekalb.ga.us; danderson@silvermancpm.com;

dsanders@jmwilkerson.com; martiw@altamiradesign.com

Subject:

ECS E-Mail: Brook Run Skate Park Field Reports Sent: 03/07/2007

Attachments:

M00113220M.pdf



Attached are: Brook Run Skate Park Field Reports

Report Number/s included: 34

If you have any questions or concerns regarding this report, DO NOT REPLY TO THIS AUTOMATED E-MAIL. Please contact:

Guido Reyes, E.I.T. Project Engineer

Direct Line: 678.460.5445 Main Number: 770.419.0745

E-Mail: mailto:GReyes@ecslimited.com

OR

Thomas Dobras, P.E.

Construction Services Manager

Main Number: 770.419.0745 Extension: 5444

E-Mail: mailto:TDobras@ecslimited.com

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\*\*If you see the \*\*NC\*\* symbol in your subject line, one of the attached reports has a non-compliance issue.\*\* The \*\*NC\*\* symbol is not intended to replace the need to review each field report, but rather to act as a means of sorting multiple emails.



### LETTER OF TRANSMITTAL

March 7, 2007

Dekalb County Purchasing & Contracting 1300 Commerce Drive Maloof Center - Room 303

Decatur, GA 30030

ATTN: James Stamps, Jr.

RE: Brook Run Skate Park

ECS Job # 10:4439

Permits:

Location: 4770 North Peachtree Road

Dunwoody, GA

We are enclosing:

X Materials Engineering Division Reports

X For your use

\_\_ As requested

CC: Altamira Design and Common Sense, Inc. - Marti Watts

J.M. Wilkerson Const. Co. - Dan Sanders

DeKalb County Development Dept. - Andre B. Martin

United Grading & Excavating Co. - Randy Robison

DeKalb County Park Planning & Developme - Marvin F. Billups Jr.

Silverman CPM - Dawn Anderson

ENCL:

Field Report # 34

02/28/2007

Thomas Dobras, P.E.

Construction Services Manager

Muhammad Ziá

Project Manager



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

Project

**Brook Run Skate Park** 

Location

Dunwoody, GA

Client

**Dekalb County Purchasing & Contracting - James** 

Remarks

Trip Charges\*

Tolls/Parking\*

Mileage\*

Chargeable Items

### FIELD REPORT

Project No.

10:4439

Report No.

34

Day & Date

Wednesday 02/28/2007

Weather

70°/ Sunny

On-Site Time Lab Time 8.50 0.00

Travel Time\*

9.50

Total

Re Obs.Time

0.00

Times of Arrival

Departure

08:00A

12:00P

12:30P 05:00P

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site to observe daily construction activities.

Dan Sanders with J.M. Wilkerson and the undersigned discussed the possibility of using on site fill material at front section slope on south end of building. Contractor also removed unsuitable soil from SW corner of building.

In addition, some fill material was placed in back parking area, but was not ready for test. California Skate Parks continued excavating side walls of skate bowl. They also covered entire pool with plastic because of the possibility of rain.

In addition, undersigned picked up 1 set of grout prisms. The grout prisms were delivered to ECS laboratory for compressive strength testing.

<sup>\*</sup> Travel time and mileage will be billed in accordance with the contract.

From:

ECS Mailroom [ecsmailroom10@ecslimited.com]

Sent:

Monday, March 12, 2007 5:50 PM

To:

jstamps@co.dekalb.ga.us; abmartin@co.dekalb.ga.us; danderson@silvermancpm.com;

dsanders@jmwilkerson.com; martiw@altamiradesign.com

Subject:

ECS E-Mail: Brook Run Skate Park Field Reports Sent: 03/12/2007

**Attachments:** 

M00113449M.pdf



Attached are: Brook Run Skate Park Field Reports

Report Number/s included: 39

If you have any questions or concerns regarding this report, DO NOT REPLY TO THIS AUTOMATED E-MAIL. Please contact:

Guido Reyes, E.I.T. Project Engineer

Direct Line: 678.460.5445 Main Number: 770.419.0745

E-Mail: mailto:GReyes@ecslimited.com

OR

Thomas Dobras, P.E.

Construction Services Manager

Main Number: 770.419.0745 Extension: 5444

E-Mail: mailto:TDobras@ecslimited.com

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### LETTER OF TRANSMITTAL

March 12, 2007

Dekalb County Purchasing & Contracting 1300 Commerce Drive Maloof Center - Room 303 Decatur, GA 30030

ATTN: James Stamps, Jr.

RE: Brook Run Skate Park

ECS Job # 10:4439

Permits:

Location: 4770 North Peachtree Road

Dunwoody, GA

We are enclosing:

X Materials Engineering Division Reports

X For your use

X As requested

CC: Altamira Design and Common Sense, Inc. - Marti Watts

J.M. Wilkerson Const. Co. - Dan Sanders

DeKalb County Development Dept. - Andre B. Martin United Grading & Excavating Co. - Randy Robison

DeKalb County Park Planning & Developme - Marvin F. Billups Jr.

Silverman CPM - Dawn Anderson

ENCL:

Field Report # 39

03/07/2007

Thomas Dobras, P.E.

Construction Services Manager

Guido Reyes, E.I.T.

Guido J. Rey.

Project Engineer



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

Project

**Brook Run Skate Park** 

Location

Dunwoody, GA

Client

Dekalb County Purchasing & Contracting - James

Remarks

Trip Charges\*

Tolls/Parking\*

Mileage\*

Time of

Project No.

Report No.

Day & Date

On-Site Time

Travel Time\*

Re Obs.Time

Weather

Lab Time

Total

Arrival

08:30A 04:00P

Departure

FIELD REPORT

10:4439 39

68°/ Sunny

7.50

0.00

1.00

8.50

0.00

Wednesday 03/07/2007

Chargeable Items Nuclear Gauge Rental

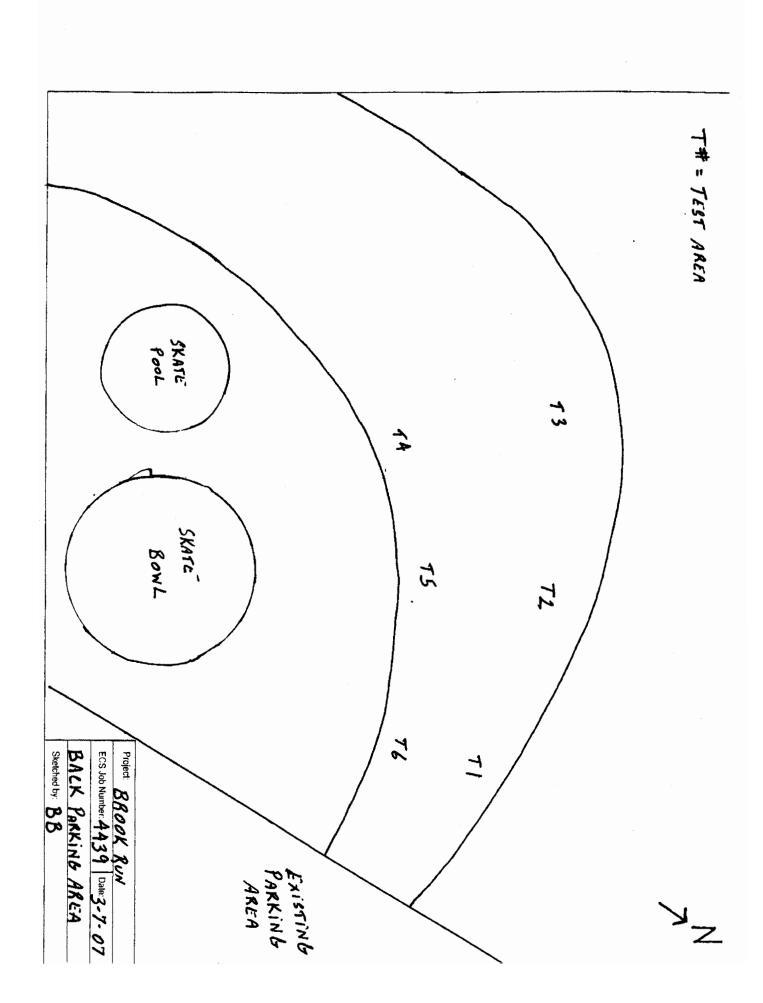
Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to observe the placement and compaction of soils for the parking area. Refer to sketch for locations.

Utilizing the nuclear gauge test method to check the compaction of soils, test results indicated that the compacted material, at the areas and elevations tested, met or exceeded the project requirements of 95% of the maximum dry density as obtained in our laboratory using the Standard Proctor Method (ASTM D-698). Locations and elevations of all tests are based on stakeout provided by others. We cannot be responsible for structures located off of the observed engineered pad, misaligned utilities or stakeout errors causing uncontrolled fill to be placed in structural areas.

The soils observed on this date appeared to be placed in accordance with project drawings and specifications with regard to lift thickness and moisture content.

<sup>\*</sup> Travel time and mileage will be billed in accordance with the contract.





# Field Compaction Summary,

Project No: 4439

Project Name: Brook Run Skate Park

Date: 03/07/07

ECS SOUTHEAST, LLC

Client: Dekalb County Purchasing & Contracting

Moisture Std Density Std Test Method Nuclear Gauge No.7734 MC-1DR CPN Make Model

Ser. No. 50207734 Technician: Michael B. Burdette Contractor: None Listed

Sarr	Sample:1		Description: Orange Brown SANDY SILT(Offsite Soils)	Proctor	Proctor Method:Standard Proctor Method (ASTM D-698)	Standard Proc (ASTM D-698)	roctor Me 98)		Incorrect	ed Max.	Density	106.4	Uncorrected Max. Density: 106.40 Uncorrected Opt. MC: 15.70
						Corrected	Corrected		Test Data	Jata			
Test No.	Test Mode	Probe Depth	Station / Location	Lift / Elev	% Oversize	Maximum Dry Density (pcf)	Optimum Moisture Content (%)	Wet Density (pcf)	Dry Density (pcf)	Moisture Content (%)	Percent Comp. (%)	P/F	Comments
-	10	8	parking area	-2	0.00	106.40	15.70	121.5	105.2	15.5	98.9	<u>_</u>	
2	Б	8	parking area	-2	0.00	106.40	15.70	120.2	101.8	18.1	95.7	Ь	
က	П	ω	parking area	-2	0.00	106.40	15.70	121.2	104.9	15.5	98.6	Ь	
4	DT	ω	parking area	-2	0.00	106.40	15.70	119.8	101.9	17.5	92.8	Ь	
2	DT	8	parking area	-2	00.0	106.40	15.70	119.1	102.0	16.7	95.9	Ь	
9	П	80	parking area	-2	0.00	106.40	15.70	120.6	103.3	16.7	97.1	Ь	
Sarr	Sample:2		Description: Brown to orange, micaceus Proctor Method:Standard Proctor Method silty Clay (ASTM D-698)	Proctor	Method:St (A	Standard Proc (ASTM D-698)	roctor Me 98)		Incorrect	Uncorrected Max. Density:	Density:	93.60	Uncorrected Opt. MC: 24.10
						Corrected	Corrected		Test Data	Jata			
Test No.	Test	Probe Depth	Station / Location	Lift / Elev	% Oversize	Maximum Dry Density (pcf)	Optimum Moisture Content (%)	Wet Density (pcf)	Dry Density (pcf)	Moisture Content (%)	Percent Comp. (%)	P/F	Comments
Sarr	Sample:3		Description: Brown Sandy SILT	Proctor	Proctor Method:Standard Proctor Method (ASTM D-698)	Standard Proc (ASTM D-698)	roctor Me 98)		Incorrect	ted Max.	Density	100.2	Uncorrected Max. Density: 100.20 Uncorrected Opt. MC: 17.90
						Corrected	Corrected		Test Data	Jata			
Test No.	Test Mode	Probe Depth	Station / Location	Lift / Elev	% Oversize	Maximum Dry Density (pcf)	Optimum Moisture Content (%)	Wet Density (pcf)	Dry Density (pcf)	Moisture Percent Content (%) (%)	Percent Comp. (%)	P/F	Comments

Test Mode: DT = Direct Transmission

BS = Back Scatter



### Field Compaction Summary,

Project No: 4439

Project Name: Brook Run Skate Park

Date: 03/07/07

ECS SOU

Client: Dekalb County Purchasing &

Test Method

	מימיוי: בפולמום מסתולו מימיוים מ	S Billopino is		3	est Melilou			
OUTHEAST, LLC	Contracting		Nuclear (	Nuclear Gauge No.7734				
	Contractor: None Listed		Make CPN	CPN	Density Std	0		
			Model	Model MC-1DR	Moisture Std	0		
	Technician: Michael B. Burdet	te	Ser. No.	Ser. No. 50207734				
s:3 Descrip	Description: Brown Sandy SILT	Proctor Method:St	Standard Proc	roctor Method	Uncorrected Max. I	Density: 100.2	Proctor Method:Standard Proctor Method Uncorrected Max. Density: 100.20 Uncorrected Opt. MC: 17.90	17.90

roctor Method:Standard Proctor Method Uncorrected Max. Density: 100.20 Uncorrected Opt. MC: 17.90 (ASTM D-698)		Comments	
100.2		P/F	
Density:		Percent Comp. (%)	
cted Max. I	Test Data	Wet Dry Moisture Percent Density Density Content Comp. P / F (pcf) (%) (%)	
Jncorre	Test	Dry Density (pcf)	
) poute			
roctor Me 198)	Corrected	Maximum Optimum Dry Moisture Density Content (pcf) (%)	
Standard Proct (ASTM D-698)	Corrected Corrected	Maximum Dry Density (pcf)	
Method:St		% Oversize	
Proctor		Lift / Elev	
Description: Brown Sandy SILT		Station / Location	
		Probe Depth	
ole:3		Test Test Probe No. Mode Depth	
Sample:3		Test No.	

BS = Back Scatter

From:

ECS Mailroom [ecsmailroom10@ecslimited.com]

Sent:

Tuesday, March 13, 2007 3:10 PM

To:

istamps@co.dekalb.ga.us; abmartin@co.dekalb.ga.us; danderson@silvermancpm.com;

dsanders@imwilkerson.com; martiw@altamiradesign.com

Subject:

ECS E-Mail: Brook Run Skate Park Field Reports Sent: 03/13/2007

Attachments:

M00113501M.pdf



Attached are: Brook Run Skate Park Field Reports

Report Number/s included: 38, 40, 41, 42

If you have any questions or concerns regarding this report, DO NOT REPLY TO THIS AUTOMATED E-MAIL.
Please contact:

Guido Reyes, E.I.T. Project Engineer

Direct Line: 678.460.5445 Main Number: 770.419.0745

E-Mail: mailto:GReyes@ecslimited.com

OR

Thomas Dobras, P.E.

Construction Services Manager

Main Number: 770.419.0745 Extension: 5444

E-Mail: mailto:TDobras@ecslimited.com

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### LETTER OF TRANSMITTAL

March 13, 2007

Dekalb County Purchasing & Contracting 1300 Commerce Drive

Maloof Center - Room 303 Decatur, GA 30030

ATTN: James Stamps, Jr.

RE: Brook Run Skate Park

ECS Job # 10:4439

Permits:

4770 North Peachtree Road Location:

Dunwoody, GA

We are enclosing:

Materials Engineering Division Reports

For your use

As requested

CC: Altamira Design and Common Sense, Inc. - Marti Watts

J.M. Wilkerson Const. Co. - Dan Sanders

DeKalb County Development Dept. - Andre B. Martin

United Grading & Excavating Co. - Randy Robison

DeKalb County Park Planning & Developme - Marvin F. Billups Jr.

Silverman CPM - Dawn Anderson

### ENCL:

Field Report # 38	03/06/2007
Field Report # 40	03/09/2007
Field Report # 41	03/10/2007
Field Report # 42	03/09/2007

Lomes 1 Dobros Thomas Dobras, P.E.

Construction Services Manager

Guido J. Reyn) Guido Reyes, E.I.T.

Project Engineer



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

Project

**Brook Run Skate Park** 

Location

Dunwoody, GA

Client

**Dekalb County Purchasing & Contracting - James** 

Remarks

Trip Charges\*

Tolls/Parking\*

Mileage\*

Chargeable Items Nuclear Gauge Rental

### FIELD REPORT

Project No.

10:4439

Report No.

38

Day & Date

Tuesday 03/06/2007

Weather

60°/ Sunny

On-Site Time Lab Time

9.00 0.00

Travel Time\*

Total

1.00 10.00 0.00

Re Obs.Time

Time of

Arrival Departure

08:00A

05:00P

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to check the compaction of soils at the skate bowl. Refer to the attached sketch.

Utilizing the nuclear gauge test method to check the compaction of soils, test results indicated that the compacted material, at the areas and elevations tested, DID NOT meet the project requirements of 95% the maximum dry density as obtained in our laboratory using the standard proctor method (ASTM D-698).

The contractor was informed of test results and advised to re compact this areas. Re-compaction activities did not occur on this date.

Locations and elevations of all tests are based on stakeout provided by others. We cannot be responsible for structures located off of the observed engineered pad, misaligned utilities or stakeout errors causing uncontrolled fill to be placed in structural areas.

### Project activities on this date:

- California Skate Company continued to work on walls of skate bowl.
- All exterior walls on concession building were torn down because of poor workmanship.
- United Grading moved topsoil from front of concession building to landscape area. Refer to attached sketch.

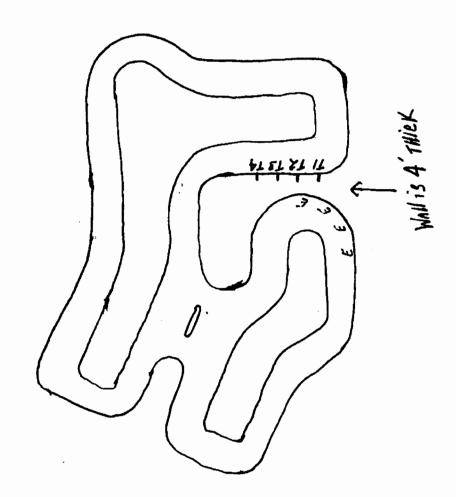
1800 By Michael Burdette

<sup>\*</sup> Travel time and mileage will be billed in accordance with the contract.

Topsoil

THE COMPACTION TEST SITE E CXCAUATING AREA

SKATE BOWL



LAND SEAPÉ.

JOSTON TO LANDSCAPE AREA

Date: 03/06/07

### EGSLIC SOUTHEAST

ECS SOUTHEAST, LLC

## Field Compaction Summary,

Project No: 4439 Projec

Project Name: Brook Run Skate Park

Client: Dekalb County Purchasing &

 Test Method

 Nuclear Gauge No.7734
 Adel
 CPN
 Adel
 Adel

Client: Dekalb County Purchasing & Contracting Contractor: None Listed Make CPN Model MC-1

Technician: Michael B. Burdette

24.10 Uncorrected Max. Density: 106.40 Uncorrected Opt. MC: 15.70 Uncorrected Max. Density: 100.20 Uncorrected Opt. MC: 17.90 Uncorrected Opt. MC: Comments Comments 93.60 P/F P/F L ш L Uncorrected Max. Density: Сотр. (%) Comp. 6.97 81.5 Moisture Percent Moisture | Percent 88.8 81.0 (%) Content Content 24.5 23.1 %) 20.4 %) 24.1 Test Data Test Data Density 76.3 Density 72.0 ۵ 75.8 (bct) (bct) 83.1 Ο'n Wet Density Wet Density 93.9 100.1 (bct) (bct) 94.1 89.7 Proctor Method: Standard Proctor Method Proctor Method:Standard Proctor Method Description: Brown to orange, micaceus Proctor Method: Standard Proctor Method Optimum Corrected Optimum Moisture Content 24.10 Corrected Moisture Content 24.10 24.10 24.10 8 8 (ASTM D-698) (ASTM D-698) (ASTM D-698) Corrected Maximum Corrected Maximum 93.60 Dry Density Density (pcf) 93.60 93.60 93.60 (pct) Dry Oversize Oversize % % Lift/ Elev Lift/ Elev 0 0 0 0 Description: Orange Brown SANDY SILT(Offsite Soils) Description: Brown Sandy SILT silty Clay Station / Location Station / Location skate bowl skate bowl skate bowl skate bowl Probe Depth Probe Depth 8 ω ω 8 Test Mode Test Mode Sample:2 Sample:3 ᆸ Б ᆸ Sample:1 DT Test No. Test No. 0

Comments P/F Content Comp. Moisture | Percent (%) (%) Test Data Dry Density (bcd) W et Density (bct) Moisture Optimum Corrected Content % Corrected Maximum Dry Density (bct) Oversize % Lift / Elev Station / Location Probe Depth Test Mode Test No.



## Field Compaction Summary,

Project No: 4439

Project Name: Brook Run Skate Park

Date: 03/06/07

ECS SOUTHEAST, LLC

Moisture Std Density Std Test Method Nuclear Gauge No.7734 MC-1DR CPN Model Make

44602 9528 Ser. No. MD50207734 Client: Dekalb County Purchasing & Contracting Technician: Michael B. Burdette Contractor: None Listed

17.90						
Proctor Method:Standard Proctor Method Uncorrected Max. Density: 100.20 Uncorrected Opt. MC: 17.90 (ASTM D-698)						
100.20		P/F				
Density:		Percent Comp. (%)				
ted Max.	Jata	Wet Dry Moisture Percent Density Density Content Comp. P / F (pcf) (pcf) (%) (%)				
Uncorrec	Test Data	Dry Density (pcf)				
) poulie		Optimum Wet Moisture Density [Content (pcf)				
roctor Me 98)	Corrected					
Standard Proci (ASTM D-698)	Corrected Corrected					
Method:Si (A		% Oversize				
Proctor						
Description: Brown Sandy SILT		Station / Location				
		Probe Depth				
Sample:3		Test Test No. Mode				
Sam	Test No. N					

BS = Back Scatter



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

**Project** 

**Brook Run Skate Park** 

Location

Dunwoody, GA

Client

Dekalb County Purchasing & Contracting - James

FIELD REPORT

Project No.

10:4439

Report No.

40

Day & Date

Friday 03/09/2007

Weather

48°/ Cloudy

On-Site Time

9.50

Lab Time

0.00

Travel Time\*

1.00

Total

10.50

Re Obs.Time

0.00

Remarks

Trip Charges\*

Tolls/Parking\*

Mileage\*

Time of

Arrival Departure

07:00A

04:30P

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to observe the placement of grout for the building masonry wall construction. Refer to sketch for location.

Prior to the start of construction, the foundations were observed and reinforcing dowels appeared to be placed in accordance with project drawings and specifications (Drawing on S1). Grout appeared to be proportioned as specified, by combining one bag of Type I cement with approximately one cubic foot of sand and five gallons of water. Proportioning of sand was done by the shovel method. The grout met the required slump requirement of 6-9 inches, and the grout was used within 90 minutes of batching.

Prior to the placement of grout, the cells to be grouted were observed for cleanliness and no mortar fins larger than 1/2 inch. Grout was placed in lifts less than five feet, and two mechanical consolidations were accomplished. The placement of grout appeared to be in general accordance with project drawings and specifications.

The following sample was obtained for compressive strength testing in our laboratory.

Set A:

One set of 4 grout prisms (2500psi)

Project activities on this date:

-California skate contractor continued working on skate bowl. GAB was placed in walls and floors of bowl. They also formed up around top rail and bottom of part of the bowl walls. Refer to the attached sketch.

By Michael Burdette 1800

Chargeable Items

<sup>\*</sup> Travel time and mileage will be billed in accordance with the contract.



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

### FIELD REPORT

Project No.

10:4439

Report No.

40

Project Brook Run Skate Park

Day & Date Friday 03/09/2007

The undersigned arrived on site, as requested, to observe the placement of grout for the building masonry wall construction. Refer to sketch for location.

Prior to the start of construction, the foundations were observed and reinforcing dowels appeared to be placed in accordance with project drawings and specifications (Drawing on S1). Grout appeared to be proportioned as specified, by combining one bag of Type I cement with approximately one cubic foot of sand and five gallons of water. Proportioning of sand was done by the shovel method. The grout met the required slump requirement of 6-9 inches, and the grout was used within 90 minutes of batching.

Prior to the placement of grout, the cells to be grouted were observed for cleanliness and no mortar fins larger than 1/2 inch. Grout was placed in lifts less than five feet, and two mechanical consolidations were accomplished. The placement of grout appeared to be in general accordance with project drawings and specifications.

The following sample was obtained for compressive strength testing in our laboratory.

### Set A:

One set of 4 grout prisms (2500psi)

### Project activities on this date:

-California skate contractor continued working on skate bowl. GAB was placed in walls and floors of bowl. They also formed up around top rail and bottom of part of the bowl walls. Refer to the attached sketch.

### SOUTHEAST

## **Concrete Summary Report**

Project: Brook Run Skate Park

Location: 4770 North Peachtree Road
Dunwoody, - DeKalb County - GA 30038Contractor: None Listed

Supplier:

Project No. 4439

Day/Date: 03/09/07

Client: Dekalb County

Weather / Temp: Cloudy / 48

I ocation and Demarks	Location and Nemains	*
Water	Added	
Concrete	Temp.	
0% A ir	/0 /1	
Clumb	dumic	7.75
ruck Time	Finish	10:30
Truc	Arrive	08:45
Batch	Time	08:45
ncrete	Cum	2
CY Cc	Truck	2.0
Ticket	No.	
Truck	No.	
Ž		1

By: Michael B. Burdette

building masonry wall construction

Location:

ECS Southeast, LLC



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

**Project** 

**Brook Run Skate Park** 

Location

Dunwoody, GA

Client

Dekalb County Purchasing & Contracting - James

Remarks

Trip Charges\*

Tolls/Parking\*

Mileage\*

Chargeable Items

FIELD REPORT

Project No.

10:4439

Report No.

41

Day & Date

Saturday 03/10/2007

Weather

45°/ Cloudy

On-Site Time Lab Time

0.25 0.00

Travel Time\*

1.00

Total

1.25

Re Obs.Time 0.00

Time of

Arrival

Departure

08:00A

08:15A

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to observe the site activities on this date. Upon arriving on site the contractor informed the undersigned that work was cancelled due to weather.

<sup>\*</sup> Travel time and mileage will be billed in accordance with the contract.



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

Project

**Brook Run Skate Park** 

Location

Dunwoody, GA

Client

**Dekalb County Purchasing & Contracting - James** 

Remarks

Trip Charges\*

Tolls/Parking\*

Mileage\*

Chargeable Items

FIELD REPORT

Project No.

10:4439

Report No.

42

Day & Date

Friday 03/09/2007

Weather

50°/ Sunny

On-Site Time Lab Time

0.00

Travel Time\*

Re Obs.Time

1.00

1.75

Total

2.75 0.00

T .....

A ---!: . -- 1

Time of Arrival

ival Departure

06:45A 08:30A

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived onsite, as requested, to assist ECS technician Blake Burdette with a reinforcing steel inspection. The placement of reinforcing steel for the public use building was observed from the slab level before grout was poured where masonry wall construction had been occurring.

Reinforcing steel observed on this date appeared to be placed in general accordance with the project drawings as supplied by the superintendent. Please see B. Burdette's report and sketch on this date for more information.

<sup>\*</sup> Travel time and mileage will be billed in accordance with the contract.

### Stamps, James

From:

ECS Mailroom [ecsmailroom10@ecslimited.com]

Sent:

Wednesday, March 14, 2007 5:23 PM

To:

jstamps@co.dekalb.ga.us; abmartin@co.dekalb.ga.us; danderson@silvermancpm.com;

dsanders@jmwilkerson.com; martiw@altamiradesign.com

Subject:

ECS E-Mail: Brook Run Skate Park Field Reports Sent: 03/14/2007

Attachments:

M00113508M.pdf



Attached are: Brook Run Skate Park Field Reports

Report Number/s included: 43

If you have any questions or concerns regarding this report, DO NOT REPLY TO THIS AUTOMATED E-MAIL.
Please contact:

Guido Reyes, E.I.T. Project Engineer

Direct Line: 678.460.5445 Main Number: 770.419.0745

E-Mail: mailto:GReyes@ecslimited.com

OR

Thomas Dobras, P.E.

Construction Services Manager

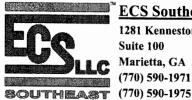
Main Number: 770.419.0745 Extension: 5444

E-Mail: mailto:TDobras@ecslimited.com

You will need Adobe Acrobat Reader to view this file. To download the free reader from Adobe, click on the link below: http://www.adobe.com/prodindex/acrobat/readstep.html

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### ECS Southeast, LLC 1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971

### LETTER OF TRANSMITTAL

March 14, 2007

Dekalb County Purchasing & Contracting 1300 Commerce Drive Maloof Center - Room 303 Decatur, GA 30030

ATTN: James Stamps, Jr.

RE: Brook Run Skate Park

ECS Job # 10:4439

Permits:

Location: 4770 North Peachtree Road

Dunwoody, GA

We are enclosing:

Materials Engineering Division Reports

For your use

As requested

CC: Altamira Design and Common Sense, Inc. - Marti Watts J.M. Wilkerson Const. Co. - Dan Sanders DeKalb County Development Dept. - Andre B. Martin United Grading & Excavating Co. - Randy Robison

DeKalb County Park Planning & Developme - Marvin F. Billups Jr.

Silverman CPM - Dawn Anderson

ENCL:

Field Report # 43

03/12/2007

Comes & Coleras Thomas Dobras, P.E.

Construction Services Manager

Guido Reyes, E.I.T.

Guido J. Reys L

Project Engineer



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

Project

**Brook Run Skate Park** 

Location

Dunwoody, GA

Client

Dekalb County Purchasing & Contracting - James

Remarks

Trip Charges\*

Tolls/Parking\*

Mileage\*

Chargeable Items Nuclear Gauge Rental

### FIELD REPORT

Project No.

10:4439

67°/ Cloudy

Report No.

43

Day & Date

Monday 03/12/2007

Weather

On-Site Time 8.00

Lab Time

0.00 1.00

0.00

Travel Time\*

-

9.00

Re Obs.Time
Time of Arr

Total

Arrival

Departure

10:00A

06:00P

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to observe the placement and compaction of soils for the parking area. Refer to the attached sketch for location.

Utilizing the nuclear gauge test method to check the compaction of soils, test results indicated that the compacted material, at the areas and elevations tested, met or exceeded the project requirements of 95% of the maximum dry density as obtained in our laboratory using the standard proctor method (ASTM D-698). Locations and elevations of all tests are based on stakeout provided by others. We cannot be responsible for structures located off of the observed engineered pad, misaligned utilities or stakeout errors causing uncontrolled fill to be placed in structural areas.

The soils observed on this date appeared to be placed in accordance with project drawings and specifications with regard to lift thickness and moisture content.

In addition, the undersigned, as requested, observed a proofroll at the west side of building at the skating area. Utilizing a loaded rubber tired vehicle with a GVWR in excess of 20,000 pounds; the area observed appeared to be stable. No visible pumping or rutting was noted.

Site activities on this date:

- United Grading continued to place fill in parking area. Refer to attached sketch.
- California Skate continued forming up sides of bowl and placing reinforcing steel mat in skate bowl.

<sup>\*</sup> Travel time and mileage will be billed in accordance with the contract.



Project

### ECS Southeast, LLC

1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

**Brook Run Skate Park** 

### **FIELD REPORT**

Project No.

10:4439

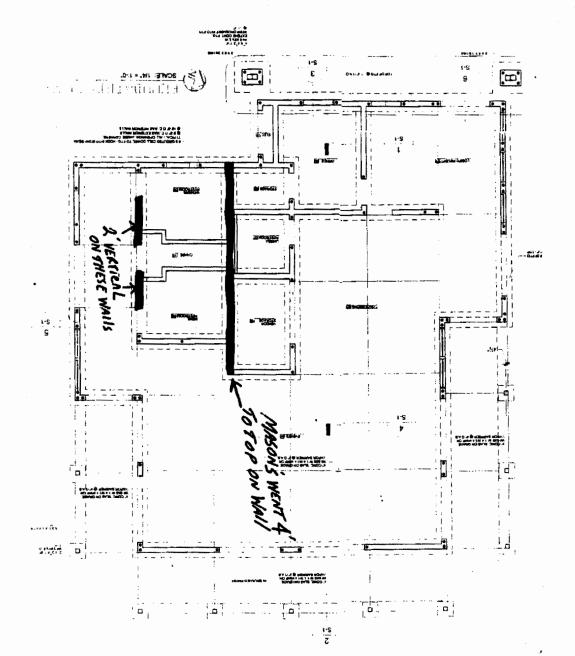
Report No.

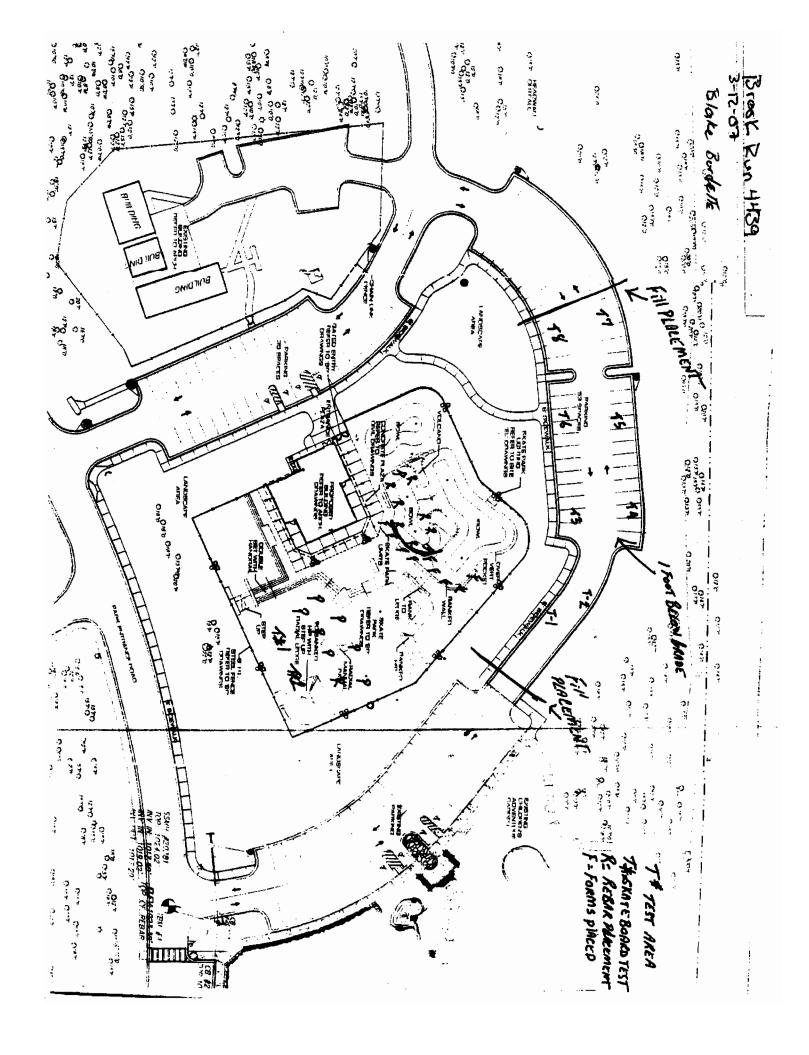
43

Day & Date

Monday 03/12/2007

- Meadows Masonry continued to work on interior walls on building.





### COUTHEAST

# Field Compaction Summary,

Project No: 4439

Project Name: Brook Run Skate Park

Date: 03/12/07

**ECS SOUTHEAST, LLC** 

Client: Dekalb County Purchasing &

Contracting Contractor: None Listed

Technician: Michael B. Burdette

	Test	Test Method	
Nuclear	Nuclear Gauge No.7734		
Make	CPN	Density Std	0
Model	MC-1DR	Moisture Std	0
Ser. No.	50207734		

5.70										7.90			
Proctor Method:Standard Proctor Method Uncorrected Max. Density: 106.40 Uncorrected Opt. MC: 15.70 (ASTM D-698)		Comments								Proctor Method:Standard Proctor Method Uncorrected Max. Density: 100.20 Uncorrected Opt. MC: 17.90			Comments
106.40		P / F	Ь	Ь	Ь	Ь	Ь	Ь	Ь	100.20			P / F
Density:		Percent Comp. (%)	7.76	98.8	6.66	98.1	101	101	96.5	Density:			
ed Max.	Jata	Dry Moisture Percent Density Content Comp. (pcf) (%) (%)	16.8	15.5	16.8	15.8	16.3	13.2		ed Max.		Jata	Dry Moisture Percent Density Content Comp. (pcf) (%) (%)
Jncorrect	Test Data	Dry Density (pcf)	104.0		106.3	104.4	106.9	107.6	102.7	Jncorrect		Test Data	Dry Density (pcf)
thod		Wet Density (pcf)	121.5 104.0	121.4 105.1	124.2	120.9	124.4	121.8	117.0 102.7 14.0	thod			Wet Density (pcf)
octor Me 98)	Corrected	Optimum Moisture Content (%)	15.70	15.70	15.70	15.70	15.70	15.70	15.70	octor Me	98)	Corrected	Optimum Moisture Content (%)
Standard Proc (ASTM D-698)	Corrected	Maximum Dry Density (pcf)	106.40	106.40	106.40	106.40	106.40	106.40	106.40	andard Pi	(ASTM D-698)	Corrected Corrected	Maximum Dry Density (pcf)
Method:Sta		% Oversize	0.00	00.0	0.00	0.00	0.00	00.0	00.00	Method:St	₹.		% Oversize
Proctor		Lift / Elev	٩	-1	<u>-</u>	-	-	-1	-1	Proctor			Lift / Elev
Description: Orange Brown SANDY SILT(Offsite Soils)		Station / Location	skating area	parking area	Description: Brown Sandy SILT			Station / Location					
		Probe Depth	80	8	8	8	8	- &	8				Probe Depth
ole:1		Test Mode	DT	DΤ	DT	DT	DT	DΤ	DΤ	ole:3			Test Mode
Sample:1		Test No.	2	3	4	2	9	7	8	Sample:3			Test No.

Δ

100

17.6

100.5

118.2

17.90

100.20

0.00

Q

skating area

ω

Ы

### Stamps, James

From:

ECS Mailroom [ecsmailroom10@ecslimited.com]

Sent:

Wednesday, March 14, 2007 6:15 PM

To:

jstamps@co.dekalb.ga.us; abmartin@co.dekalb.ga.us; danderson@silvermancpm.com;

dsanders@imwilkerson.com: martiw@altamiradesign.com

Subject:

ECS E-Mail: Brook Run Skate Park Field Reports Sent: 03/14/2007

**Attachments:** 

M00113544M.pdf



Attached are: Brook Run Skate Park Field Reports

Report Number/s included: 44

If you have any questions or concerns regarding this report, DO NOT REPLY TO THIS AUTOMATED E-MAIL. Please contact:

Guido Reyes, E.I.T. Project Engineer

Direct Line: 678.460.5445 Main Number: 770.419.0745

E-Mail: mailto:GReyes@ecslimited.com

OR

Thomas Dobras, P.E.

Construction Services Manager

Main Number: 770.419.0745 Extension: 5444

E-Mail: mailto:TDobras@ecslimited.com

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### ECS Southeast, LLC 1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

### LETTER OF TRANSMITTAL

March 14, 2007

Dekalb County Purchasing & Contracting 1300 Commerce Drive

Maloof Center - Room 303 Decatur, GA 30030

ATTN: James Stamps, Jr.

RE: Brook Run Skate Park

ECS Job # 10:4439

Permits:

Location: 4770 North Peachtree Road

Dunwoody, GA

We are enclosing:

X Materials Engineering Division Reports

X For your use

X As requested

CC: Altamira Design and Common Sense, Inc. - Marti Watts

J.M. Wilkerson Const. Co. - Dan Sanders

DeKalb County Development Dept. - Andre B. Martin United Grading & Excavating Co. - Randy Robison

DeKalb County Park Planning & Developme - Marvin F. Billups Jr.

Silverman CPM - Dawn Anderson

ENCL:

Field Report # 44

03/13/2007

Thomas Dobras, P.E.

Construction Services Manager

Guido Reyes, E.I.T.

Guido J. Reyn L

Project Engineer



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

Project

**Brook Run Skate Park** 

Location

Dunwoody, GA

Client

**Dekalb County Purchasing & Contracting - James** 

Project No.

10:4439

Report No.

44

FIELD REPORT

Day & Date

Tuesday 03/13/2007

Weather

78°/ Sunny

On-Site Time

9.00

Lab Time

0.00

Travel Time\*

Re Obs.Time

1.00

Total

10.00 0.00

Remarks

Trip Charges\*

Tolls/Parking\*

Mileage\*

Time of Arrival Departure

09:00A

06:00P

Chargeable Items

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to observe the daily activities at the Brook Run Skate Park project site.

### On this date:

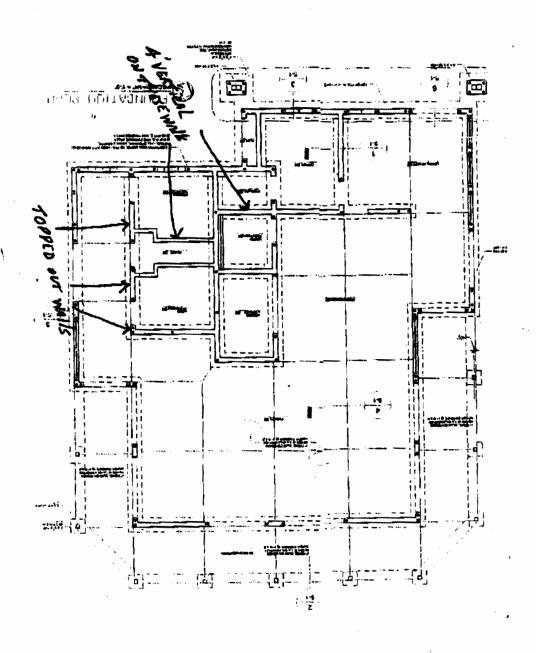
- United Grading place fill soils in the parking area and topsoil in the landscape areas. Fill soils placement and compaction will continue the following date. No compaction test were performed.
- California Skate Company continued to form up and place reinforcing steel skate bowl.
- Brick masons continued working on the interior walls of the building. Grout was also placed in walls.

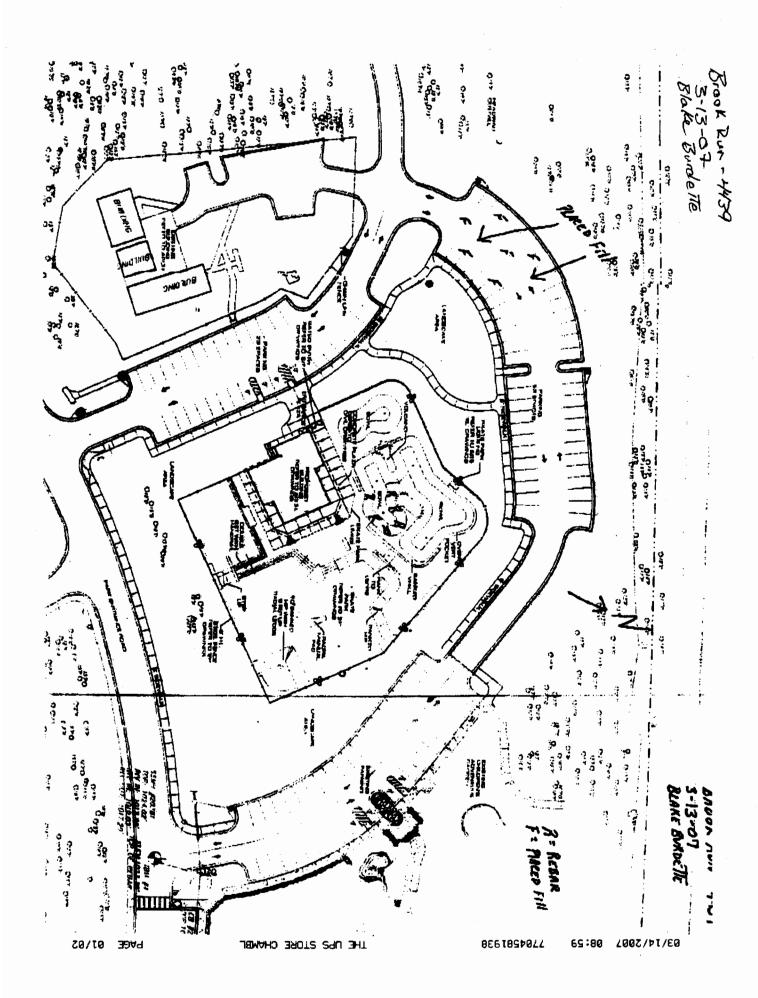
Set A

1 set of 4 grout prisms were cast on this date for walls

1800 By Michael Burdette

<sup>\*</sup> Travel time and mileage will be billed in accordance with the contract.





### TOVENTAGE

## Concrete Summary Report

Project: Brook Run Skate Park

Location: 4770 North Peachtree Road
Dunwoody, - DeKalb County - GA 30038Contractor: None Listed

Supplier:

Project No. 4439

Day/Date: 03/13/07

Client: Dekalb County

Weather / Temp: Sunny / 78

	Location and Kemarks	*
Water	Added	
Concrete	Temp.	
	% Aır	
	Slump	7.25
ruck Time	Finish	10:45
Truc	Arrive	09:45
Batch	Time	09:45
Concrete	Cum	1
CYC	Truck	1.0
Ticket	No.	0
Truck	No.	0
1	02	1

By: Michael B. Burdette

Location: interior walls of the building building.

ECS Southeast, LLC

### Stamps, James

From:

ECS Mailroom [ecsmailroom10@ecslimited.com]

Sent:

Friday, March 16, 2007 2:56 PM

To:

jstamps@co.dekalb.ga.us; abmartin@co.dekalb.ga.us; danderson@silvermancpm.com;

dsanders@imwilkerson.com; martiw@altamiradesign.com

Subject:

ECS E-Mail: Brook Run Skate Park Field Reports Sent: 03/16/2007

Attachments:

M00113604M.pdf



Attached are: Brook Run Skate Park Field Reports

Report Number/s included: 45

If you have any questions or concerns regarding this report, DO NOT REPLY TO THIS AUTOMATED E-MAIL. Please contact:

Guido Reyes, E.I.T.

Project Engineer

Direct Line: 678.460.5445 Main Number: 770.419.0745

E-Mail: mailto:GReyes@ecslimited.com

OR

Thomas Dobras, P.E.

Construction Services Manager

Main Number: 770.419.0745

Extension: 5444

E-Mail: mailto:TDobras@ecslimited.com

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1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

### LETTER OF TRANSMITTAL

March 16, 2007

Dekalb County Purchasing & Contracting 1300 Commerce Drive Maloof Center - Room 303 Decatur, GA 30030

ATTN: James Stamps, Jr.

RE: Brook Run Skate Park

ECS Job # 10:4439

Permits:

4770 North Peachtree Road Location:

Dunwoody, GA

We are enclosing:

Materials Engineering Division Reports

For your use

 $\mathbf{X}$ As requested

CC: Altamira Design and Common Sense, Inc. - Marti Watts

J.M. Wilkerson Const. Co. - Dan Sanders

DeKalb County Development Dept. - Andre B. Martin

United Grading & Excavating Co. - Randy Robison

DeKalb County Park Planning & Developme - Marvin F. Billups Jr.

Silverman CPM - Dawn Anderson

ENCL:

Field Report # 45

03/14/2007

Tomas & Copras Thomas Dobras, P.E.

Construction Services Manager

Guido Reyes, E.I.T.

Guida J. Rugi

Project Engineer



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

Project

**Brook Run Skate Park** 

Location

Dunwoody, GA

Client

**Dekalb County Purchasing & Contracting - James** 

Remarks

Trip Charges\*

Chargeable Items

Tolls/Parking\*

Mileage\*

Time of

Total

Project No.

Report No.

Day & Date

On-Site Time

Travel Time\*

Re Obs.Time

Weather

Lab Time

Departure

Wednesday 03/14/2007

08:30A 06:00P

FIELD REPORT

10:4439

68°/ Cloudy

45

9.50

0.00

1.00 10.50

0.00

Arrival

\* Travel time and mileage will be billed in accordance with the contract.

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to observe the placement and compaction of soils for the parking area and slab in front of concession building. Refer to the attached sketch.

Utilizing the calibrated drive sleeve test method to check the compaction of soils, test results indicated that the compacted material, at the areas and elevations tested, met or exceeded the project requirements of 98% of the maximum dry density as obtained in our laboratory using the Standard Proctor Method (ASTM D-698). Locations and elevations of all tests are based on stakeout provided by others. We cannot be responsible for structures located off of the observed engineered pad, misaligned utilities or stakeout errors causing uncontrolled fill to be placed in structural areas.

The soils observed on this date appeared to be placed in accordance with project drawings and specifications with regard to lift thickness and moisture content.

Project activities on this date:

- United Grading company continued with the placement of topsoil at the landscape areas and also removed 3 trees from south side of concession building so that the concrete slab could be widened.
- Meadows Masons continued on interior walls of concession building.
- California Skate Company was placing forms for skate bowl. A skate rail was installed on west end of skate bowl.



1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

### FIELD REPORT

Project No.

10:4439

Report No.

45

Project

**Brook Run Skate Park** 

Day & Date Wednesday 03/14/2007

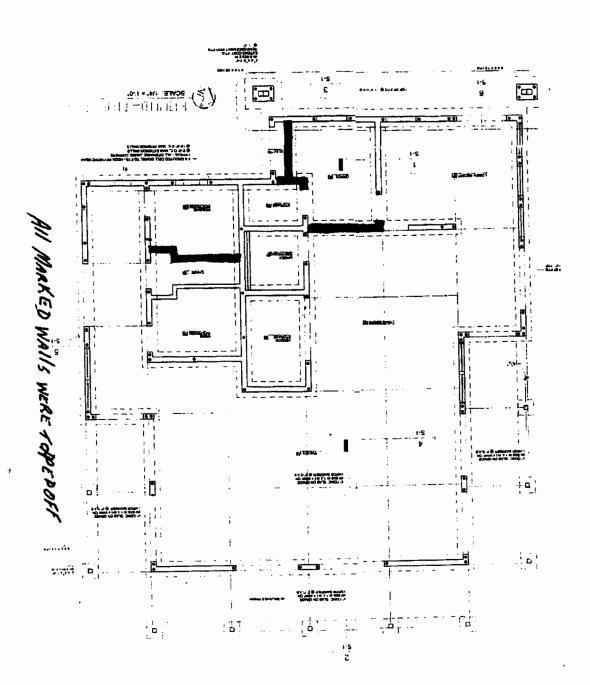
The undersigned arrived on site, as requested, to observe the placement and compaction of soils for the parking area and slab in front of concession building. Refer to the attached sketch.

Utilizing the calibrated drive sleeve test method to check the compaction of soils, test results indicated that the compacted material, at the areas and elevations tested, met or exceeded the project requirements of 98% of the maximum dry density as obtained in our laboratory using the Standard Proctor Method (ASTM D-698). Locations and elevations of all tests are based on stakeout provided by others. We cannot be responsible for structures located off of the observed engineered pad, misaligned utilities or stakeout errors causing uncontrolled fill to be placed in structural areas.

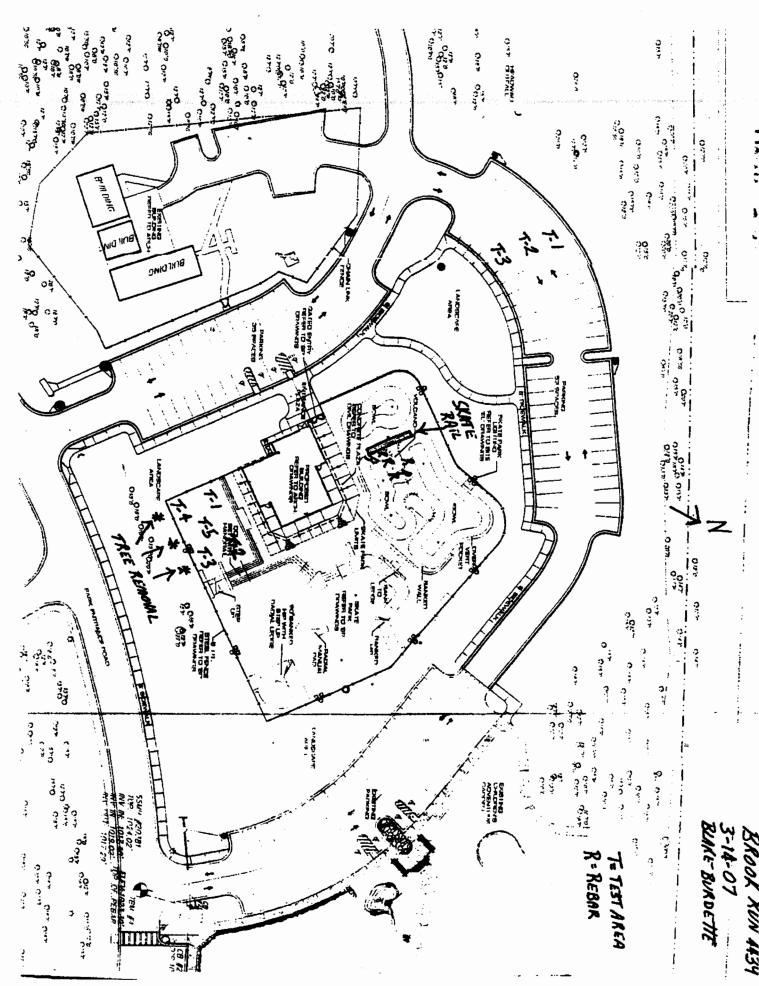
The soils observed on this date appeared to be placed in accordance with project drawings and specifications with regard to lift thickness and moisture content.

Project activities on this date:

- United Grading company continued with the placement of topsoil at the landscape areas and also removed 3 trees from south side of concession building so that the concrete slab could be widened.
- Meadows Masons continued on interior walls of concession building.
- California Skate Company was placing forms for skate bowl. A skate rail was installed on west end of skate bowl.



BROOK RUN 7434 3-14-07 BLAKE BURDETTE



BROOK KUN 4434

### ECS SOUTHEAST, LLC



Field Density Report **Drive Tube Method** 

Project: Brook Run Skate Park

Location: Dunwoody

Client: Dekalb County Purchasing & Contracting

Project No. 4439

Day/Date: 03/14/07

Weather / Temp: 68 °F

The undersigned arrived on site, as requested, to perform compaction testing on soils utilizing the Drive Tube Method (ASTM D-2937). The locations and results of the tests performed on this date are as follows:

Permits:

Pass or Fail Δ 17.90 % 86 86 8 8 86 pcf Uncorrected Opt. MC: 97.3 99.3 100.7 102.1 98.2 % Number က က က Weight 97.5 Dry Unit 100.9 102.3 98.4 99.5 100.20 Moisture 200.00 158.00 26.5 24.2 22.6 21.2 25.7 Uncorrected Max. Density: 161.00 Weight 163.00 159.00 165.00 200.00 200.00 200.00 Weight 200.00 123.5 123.8 123.7 123.9 124.1 Unit Weight Wet Proctor Method: Standard Proctor Method Volume 15.12 15.12 15.12 15.12 15.12 (<del>ASTM D-698)</del> Soil Weight 1868 1870 1873 1876 1872 These results are preliminary until signed by an ECS Engineer, Field data, locations, and depths are estimates Weight 607.0 607.0 607.0 607.0 607.0 2475 2479 Tube & Soil 2480 2483 2477 from Subgrade Depth 1.00 0.00 1.00 0.0 0.00 Description: Brown Sandy SILT Test Location See sketch See sketch See sketch See sketch See sketch Sample: 3 Š ა

Additional comments:

Michael B. Burdette Print Name:

ECS SOUTHEAST, LLC

<sup>\*</sup>reobservation

### Stamps, James

From:

ECS Mailroom [ecsmailroom10@ecslimited.com]

Sent:

Friday, March 16, 2007 2:48 PM

To:

jstamps@co.dekalb.ga.us; abmartin@co.dekalb.ga.us; danderson@silvermancpm.com;

dsanders@jmwilkerson.com; martiw@altamiradesign.com

Subject:

ECS E-Mail: Brook Run Skate Park Concrete Break Reports Sent: 03/16/2007

Attachments:

C00113699M.pdf



Attached are: Brook Run Skate Park Concrete Break Reports

Report Number/s included: 8

If you have any questions or concerns regarding this report, DO NOT REPLY TO THIS AUTOMATED E-MAIL. Please contact:

Guido Reyes, E.I.T. Project Engineer

Direct Line: 678.460.5445 Main Number: 770.419.0745

E-Mail: mailto:GReyes@ecslimited.com

OR

Thomas Dobras, P.E.

Construction Services Manager

Main Number: 770.419.0745 Extension: 5444

E-Mail: mailto:TDobras@ecslimited.com

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ECS Southeast, LLC 1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

### CONCRETE, GROUT, AND MORTAR TESTS LETTER OF TRANSMITTAL

10. Denaily County Fulchasing & Contracti	chasing & Cont	ekalb County Purchasing & (	ntracting
---	----------------	-----------------------------	-----------

1300 Commerce Drive Maloof Center - Room 303 Decatur, GA 30030

ATTN:

James Stamps, Jr.

JOB NO.: 004439

DATE: 03/16/2007

RE: Brook Run Skate Park

PERMIT #:

LOCATION:

4770 North Peachtree Road, Dunwoody, GA

**DeKalb County County** 

We are enclosing:

Attached X

For Your Use X

X Materials Engineering Division Concrete Reports:

X As Requested

8

By:

CC: Altamira Design and Common Sense, Inc. - Marti Watts

J.M. Wilkerson Const. Co. - Dan Sanders

DeKalb County Development Dept. - Andre B. Martin DeKalb County Park Planning & Developme - Marvin F. Billups Jr. Silverman CPM - Dawn Anderson

Thomas Dobras, P.E.

Construction Services Manager

Guido Reyes, E.I.T.

Guido J. Pergr

Project Engineer



ECS Southeast, LLC 1281 Kennestone Circle NE Suite 100 Marietta, GA 30066

### **Grout Prisms Strength Report**

Project: 4439

Set Designation:

Cast Date:

03/09/2007

Design Strength:

2500 psi

Project:

Brook Run Skate Park

Report No.:

Location:

4770 North Peachtree Road, Dunwoody, GA

Owner: Arch.:

DeKalb County Park Planning &

Client: Gen. Contr.: Dekalb County Purchasing &

Struc. Eng.:

Altamira Design and Common Sense, Inc. -

Conc. Contr.:

Placement Location: Building CMU walls.

(770) 590-1971

Concrete Supplier: Batched on Site

Truck No:

Ticket No:

Mix Designation: -

Added Water:

Mix Strength: 2500 psi

Batch Time: 08:45AM

Time Added:

Unit Wt.:

FIELD TEST DATA: Tested by: Michael B. Burdette

Time Sampled:08:45AM

Slump: 7.75 in.

Temperature - Air: 48° F Concrete:

Air Content:

Sample No	Test Date	Test Age	Type Cure	Length In.	Area In.²	Breaking Load,lbs	Compr. Str.,psi	Brk Typ	Break by	Review by
63042	03/16/2007	7	Lab	3.34	11.28	48320	4280			GR01
63043	04/06/2007	28	Lab	3.34	11.28					
63044	04/06/2007	28	Lab	3.34	11.28					
63045	04/06/2007	28	Lab	3.34	11.28			10001		107110170

Sampling, prism molding, and laboratory curing in accordance with (iaw) ASTM C1019. Compressive strength test iaw ASTM C39, temperature iaw ASTM C1064, slump iaw ASTM C143, and capping law ASTM C617.

**FIELD CURING CONDITIONS:** 

Curing Box

Insulated

Cooled

Ice

X No Curing Box

Heated

Caps

X Other

Remarks:

Final Review By:

### Stamps, James

From:

ECS Mailroom [ecsmailroom10@ecslimited.com]

Sent:

Thursday, March 15, 2007 4:57 PM

To:

jstamps@co.dekalb.ga.us; abmartin@co.dekalb.ga.us; danderson@silvermancpm.com;

dsanders@imwilkerson.com; martiw@altamiradesign.com

Subject:

ECS E-Mail: Brook Run Skate Park Concrete Break Reports Sent: 03/15/2007

**Attachments:** 

C00113587M.pdf



Attached are: Brook Run Skate Park Concrete Break Reports

Report Number/s included: 5

If you have any questions or concerns regarding this report, DO NOT REPLY TO THIS AUTOMATED E-MAIL. Please contact:

Guido Reyes, E.I.T. Project Engineer

Direct Line: 678.460.5445 Main Number: 770.419.0745

E-Mail: mailto:GReyes@ecslimited.com

OR

Thomas Dobras, P.E.

Construction Services Manager

Main Number: 770.419.0745 Extension: 5444

E-Mail: mailto:TDobras@ecslimited.com

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ECS Southeast, LLC 1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971 (770) 590-1975

### CONCRETE, GROUT, AND MORTAR TESTS LETTER OF TRANSMITTAL

TO:	<b>Dekalb County</b>	Purchasing	&	Contracting

1300 Commerce Drive Maloof Center - Room 303 Decatur, GA 30030

ATTN:

James Stamps, Jr.

JOB NO.: 004439

DATE: 03/15/2007

RE: Brook Run Skate Park

PERMIT #:

LOCATION:

4770 North Peachtree Road, Dunwoody, GA

**DeKalb County County** 

We are enclosing:

X Attached

X For Your Use

X Materials Engineering Division Concrete Reports:

X As Requested

5

CC: Altamira Design and Common Sense, Inc. - Marti Watts J.M. Wilkerson Const. Co. - Dan Sanders DeKalb County Development Dept. - Andre B. Martin DeKalb County Park Planning & Developme - Marvin F. Billups Jr. Silverman CPM - Dawn Anderson

10

By:

Thomas Dobras, P.E. / Construction Services Manager

Guido Reyes, E.I.T.
Project Engineer



ECS Southeast, LLC 1281 Kennestone Circle NE Suite 100 Marietta, GA 30066 (770) 590-1971

**Concrete Cylinders Strength Report** 

Project: 4439

Set Designation:

Cast Date:

02/14/2007

Design Strength:

3000 psi

5

Project: Brook Run Skate Park Report No.: Location: 4770 North Peachtree Road, Dunwoody, GA

Owner:

Client:

Dekalb County Purchasing &

Arch.:

DeKalb County Park Planning & Altamira Design and Common Sense, Inc. -

Gen. Contr.:

Struc. Eng.:

Conc. Contr.:

Placement Location: Slab on grade at building pad

Concrete Supplier: Ready Mix USA

Truck No: 703 Ticket No:

30327560 Batch Time: 08:05AM

Mix Designation: 58030AYG Added Water:

Mix Strength: 3000 psi Time Added:

Unit Wt.:

FIELD TEST DATA: Tested by: Joseph C. Parmley

Time Sampled:08:42AM

Slump: 5.50 in.

Temperature - Air:

40° F

Concrete:

Air Content: 65° F

Sample No	Test Date	Test Age	Type Cure	Diameter In.	Area In.²	Breaking Load,lbs	Compr. Str.,psi	Brk Typ	Break by	Review by
62260	02/21/2007	7	Lab	4.00	12.56	49810	3960			GR01
62261	02/28/2007	14	Lab	4.00	12.56	59780	4760			GR01
62262	03/14/2007	28	Lab	4.00	12.56	64980	5170			GR01
62263	03/14/2007	28	Lab	4.00	12.56	63760	5070			GR01

Sampling in accordance with (iaw) ASTM C172, except that samples may have been taken from the beginning of the load after a minimum discharge of approximately one cubic yard. Cylinder molding and laboratory curing iaw ASTM C31, compressive strength test and break type iaw ASTM C39, slump iaw C143, air content iaw ASTM C173 (V) or C231 (P), temperature iaw ASTM C1064, and unit weight iaw ASTM C138. Cylinders are tested using unbonded caps iaw ASTM C1231 or are capped using sulphur mortar law C617. Break Types are classified as: Type 1, 2, 3, 4, 5, or 6 law C39-04a

### FIELD CURING CONDITIONS:

Curing Box X No Curing Box

Insulated Heated

Cooled Caps

Ice X Other

Remarks:

Final Review By: Thomas Wokros

GR01

Print Date:

03/15/2007