

COASTAL TESTING LABORATORIES, INC.

PASADENA 713-477-0121 • FAX 713-477-2277 • P.O. BOX 87653 • HOUSTON, TEXAS 77287-7653

DAILY ACTIVITY REPORT

Project Number	16-584	Service Date	5/11/2016	Page	1
Project Name	Lake Creek Village Sec. 2	Report Number	160511-62117		
Contractor	Randy Roan Construction, Inc.	Report Date	6/3/2016		
Bill To	Lefco, Inc.	Contract No		PO No	
Job No	LCV2	File No		GFS No	
Supplier					

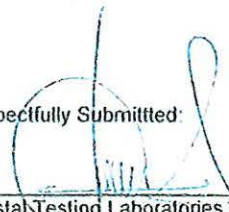
On May 11, 2016 a Coastal Testing Representative was present at the above referenced project to obtained a proctor and pi samples of backfill and cement / stabilized sand materials. For bedding and backfill of Water, Sanitary, Storm Sewer Lines. Technician then delivered the samples to the lab to be tested.

Charges: Technician 3 1/2 hours + 1 std stab proctor + 1 std raw proctor + 1 pi + 1 vehicle charge.
End of report.

Technician	Ryan Peña.	Test Date	5/11/2016
Lab Departure Time	9:30 AM	Project Arrival Time	11:00 AM
Lab Return Time	1:00 PM	Project Departure Time	11:30 AM
Standby Time		Lunch	
Straight Hours	3.50	Overtime Hours	

Note: If applicable, concrete tests will come separately.

Respectfully Submitted:


Coastal Testing Laboratories, Inc.

78

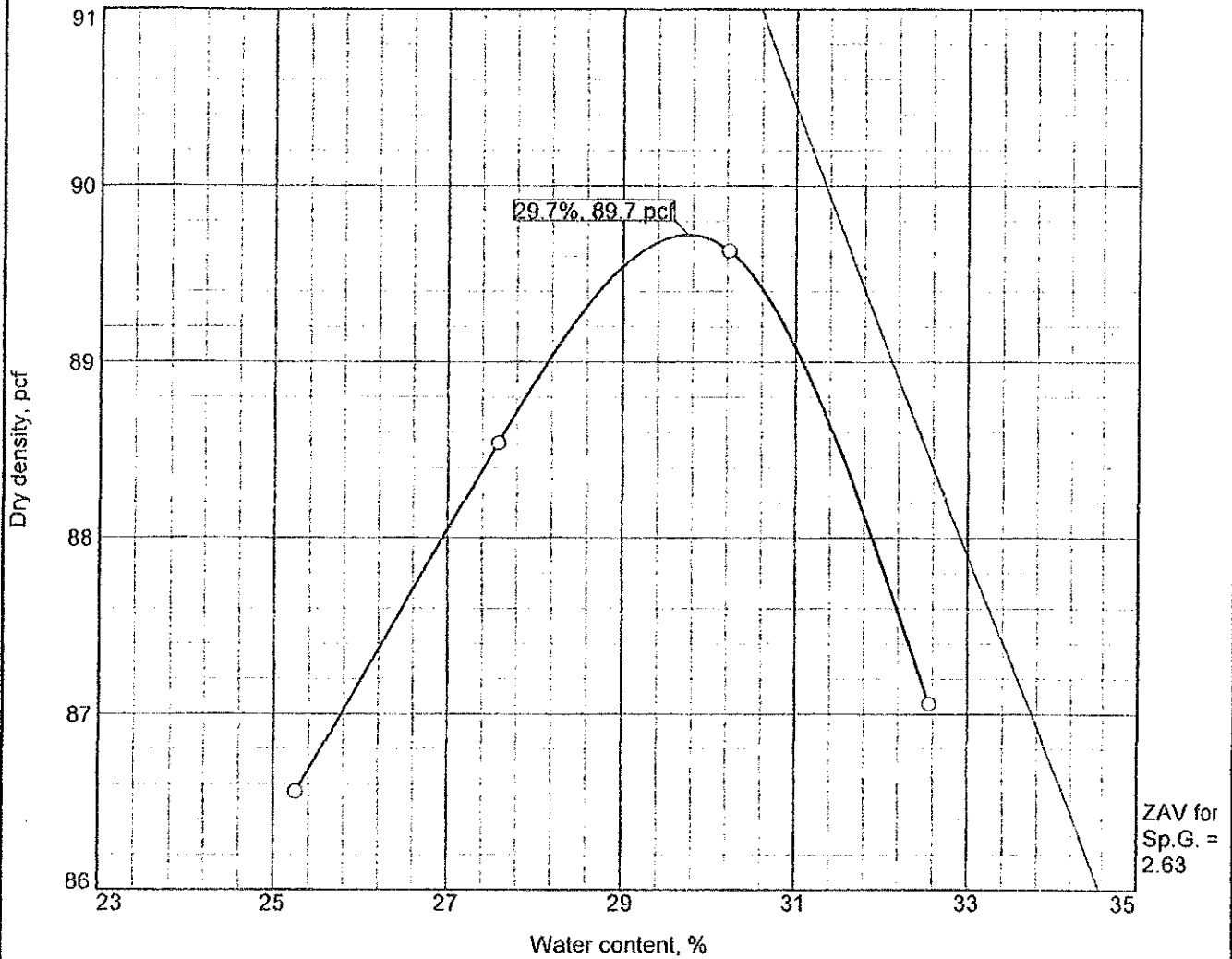
ed 02/24/2016

by Monique Connor

Approved by Joe Gallardo

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PROCTOR TEST REPORT



Test specification: ASTM D 698-12 Method A Wet, ASTM D 1140-00 Method B, ASTM D-4318-10 Method B . Standard

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > #4	% < No.200
	USCS	AASHTO						
	CH - Sandy Fat Clay		35.6		85	59		60.6

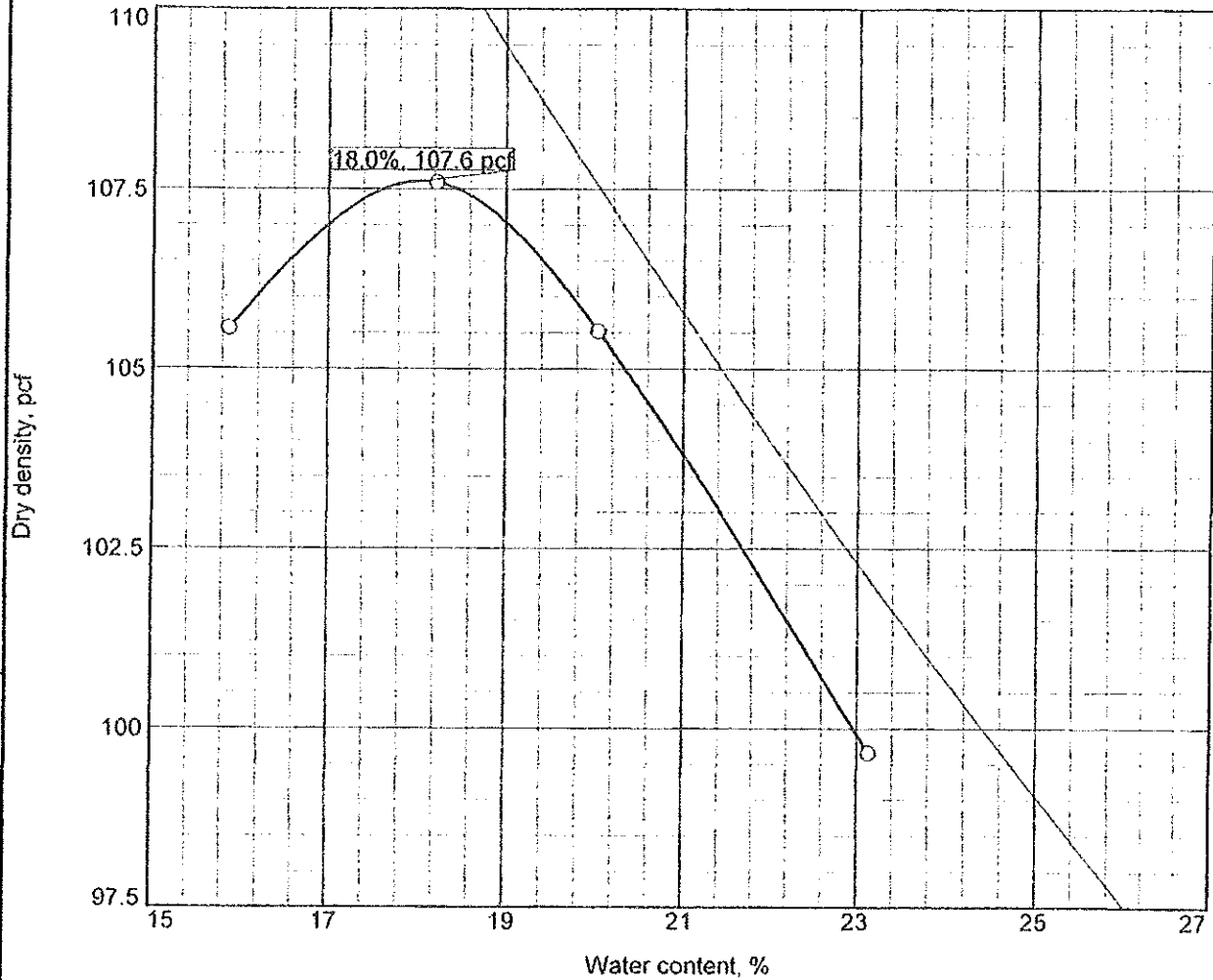
TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 89.7 pcf Optimum moisture = 29.7 %	Dark Gray Clay w/ Tan Streaks.
Project No. 16-584 Client: Lefco, Inc. Project: Lake Creek Village Sec. 2 Location: Onsite Material. Sample Number: S-11579 Coastal Testing Laboratories, Inc. Pasadena, TX	Remarks: Rep. Date:05/14/16 Rep. No:160511-62117 Sample Date:05/11/16 By: Ryan Peña, Test Date:05/14/16 Charges: 1 Std. Proctor, 1 Pl. 2 of 2. See Daily Report. End of report.

The above test results relate only to items actually tested. This report shall not be reproduced except in full without the approval of this laboratory.

Tested By: Eli Estrada

Checked By: Hector D. Garcia

PROCTOR TEST REPORT



ZAV for
Sp.G. =
2.63

Test specification: ASTM D 698-12 Method A Wet, ASTM D 1140-00 Method B, ASTM D-4318-10 Method B, Standard

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > #4	% < No.200
	USCS	AASHTO						
	SC - Clayey Sand		15.7		39	16		39.4

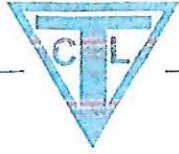
TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 107.6 pcf Optimum moisture = 18.0 %	Tan Brown Sandy Clay.

Project No. 16-584 Client: Lefco, Inc. Project: Lake Creek Village Sec. 2 Location: Abner Road, Sta. 0+70. Sample Number: S-11594 Coastal Testing Laboratories, Inc. Pasadena, TX	Remarks: Rep. Date: 05/17/16 Rep. No: 160513-62170 Sample Date: 05/13/16 By: Nick Fuentes Test Date: 05/17/16 Charges: 1 Std. Proctor, 1 Pl. 2 of 2, See Daily Report. End of report.
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Tested By: Ephraim Garcia.

Checked By: Hector D. Garcia.



COASTAL TESTING LABORATORIES, INC.

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DAILY ACTIVITY REPORT

Project Number	16-584	Service Date	5/14/2016	Page	1
Project Name	Lake Creek Village Sec 2	Report Number	160514-62188	Report Date	5/19/2016
Contractor	Randy Roan Construction, Inc.	Contract No		PO No	
Bill To	Lefco, Inc.	File No		GFS No	
Job No	LCV2				
Supplier					

On May 14, 2016, a Coastal Testing Representative was present at the above referenced project, as scheduled, for 8" storm sewer line placement. Storm line was placed on Dudley Road from MH 1 (Sta. 1+75) to MH 1A (Sta. 2+98) to MH 2 (Sta. 4+29) total of 254 ft of 8" sewer line was placed. Technician performed eleven (11) compaction tests and found all results to meet project specifications. One (1) sample was taken for proctor and PI.

CHARGES: 9 1/2 Hours + 8 Densities + 1 PI + 1 Standard Proctor + 1 Vehicle Charge

(Typed by In)

END OF REPORT

Technician	Nick Fuentes	Test Date	5/14/16
Lab Departure Time	8:00 AM	Project Arrival Time	9:30 AM
Lab Return Time	6:00 PM	Project Departure Time	4:00 PM
Standby Time		Lunch	1/2 Hr
Straight Hours		Overtime Hours	9 1/2 Hrs.

Note: If applicable, concrete tests will come separately.

Respectfully Submitted,

Coastal Testing Laboratories, Inc.

DOB
 Revised 02/24/2016
 Revised by Monique Connor
 Revision approved by Joe Gallardo

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RESULTS OF NUCLEAR DENSITY TESTS

Project Number 16-584 Service Date 5/17/2016 Page 1

Project Name Lake Creek Village Sec 2 Report Number 160517-62208

Location Utilities Backfill - Sanitary Sewer Line Report Date 5/24/2016

Contractor Randy Roan Construction, Inc PO No

Bill To Lefco, Inc. Contract No

Job No LCV2 File No GFS No

Test Date 5/17/2016

Material Type Cement Stabilized Sand

ASTM D-6938-06 Method A Method B Compaction Required: 95%

Optimum Moisture 11.5 Maximum Dry Density 117.4 Moisture Requirement +/- 2%

	Location	Lift	Probe Depth	Wet Density PCF	Moisture Content Percent	Dry Density PCF	Percent Maximum Density	Pass or Fail
	DUDLEY ROAD 8" STORM SEWER							
1	Sta. 2+50	Bedding	6"	132.6	13.4	116.9	99.6	Pass
2	Sta. 2+30	Backfill	6"	130.5	13.5	115.0	97.9	Pass
3	Sta. 1+80	Backfill	6"	126.8	11.7	113.5	96.7	Pass
4	Sta. 1+45	Bedding	6"	126.9	13.1	112.2	95.6	Pass
5	Sta. 1+10	Bedding	6"	127.7	13.2	112.8	96.1	Pass
6	Sta. 0+75	Bedding/MH	6"	130.0	13.2	114.8	97.8	Pass
	NOTE Bedding/MH =							
	Bedding Manhole							

Sample/Testing Technician Nick Fuentes Standard Count:

Gauge Humboldt Serial # 8100 Density Std 3179 Moisture Std 429

Charges 12 Densities (See Daily Report) (Typed by III) Respectfully Submitted.

[Signature]
Coastal Testing Laboratories, Inc.

CTL# D97
Revised 02/26/2016
Revised by Monique Connor
Revision approved by Joe Callaro

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DAILY ACTIVITY REPORT

Project Number	16-584	Service Date	5/23/2016	Page	1
Project Name	Lake Creek Village Sec 2	Report Number	160523-62275		
Contractor	Randy Roan Construction, Inc.	Report Date	5/26/2016		
Bill To	Lefco, Inc.	Contract No		PO No	
Job No	LCV2	File No		GFS No	
Supplier					

On May 23, 2016, a Coastal Testing Representative was present at the above referenced project, as scheduled, to perform nuclear density testing on Race Track Lane Sta. 5+05 to Sta. 8+06 manhole #6 and manhole #7 Technician performed sixteen (16) compaction and found all results to meet project specifications

CHARGES 5 1/2 Hours Technician + 1 Hour Overtime + 16 Density Test + 1 Vehicle Charge

(Typed by In)

END OF REPORT


Technician Nick Fuentes
 Lab Departure Time 11:00 AM
 Lab Return Time 6:00 PM
 Standby Time
 Straight Hours 5 1/2 Hrs

Test Date 5/23/16
 Project Arrival Time 12:30 PM
 Project Departure Time 4:30 PM
 Lunch 1/2 Hr
 Overtime Hours 1 Hr



Note: If applicable, concrete tests will come separately

Respectfully Submitted


 Coastal Testing Laboratories, Inc

DOB
 Revised 02/24/2016
 Revised by Marjorie Connor
 Revision approved by Joe Gallardo

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RESULTS OF NUCLEAR DENSITY TESTS

Project Number 16-584 Service Date 5/23/2016 Page 2

Project Name Lake Creek Village Sec 2 Report Number 160523-62275

Location Utilities Backfill. Report Date 5/26/2016

Contractor Randy Roan Construction, Inc. PO No

Bill To Lefco, Inc. Contract No

Job No LCV2 File No GFS No

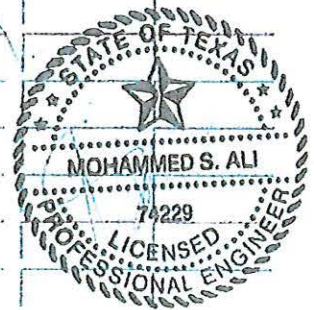
Test Date 5/23/2016

Material Type Brown Dark Gray Sandy Clay

ASTM D-6938-06 Method A Method B Compaction Required 90%

Optimum Moisture 25.3 Maximum Dry Density 96.2 Moisture Requirement +5/-3%

	Location	Lift	Probe Depth	Wet Density PCF	Moisture Content Percent	Dry Density PCF	Percent Maximum Density	Pass or Fail
	RACE TRACK LANE 8" SEWER							
	LINE.							
9	Sta. 5+40	-5'Below G	8"	114.3	23.2	92.8	96.4	Pass
10	Sta. 5+80	-2'Below G	8"	119.7	24.8	95.9	99.7	Pass
11	Sta. 6+10	-6'Below G	8"	115.0	22.3	94.0	97.7	Pass
12	Sta. 6+60	-3'Below G	8"	115.6	25.0	92.5	96.1	Pass
13	Sta. 7+00	-5'Below G	8"	116.3	26.6	91.9	95.5	Pass
14	Sta. 7+40	-2'Below G	8"	115.8	25.2	92.5	96.1	Pass
15	Sta. 7+80	-6'Below G	8"	117.3	23.2	95.2	99.0	Pass
16	Sta. 8+00	-3'Below G	8"	117.0	24.3	94.1	97.8	Pass
	NOTE: Below G = Below Grade							



Sample/Testing Technician Nick Fuentes Standard Count

Gauge Humboldt Serial # 8100 Density Std 3193 Moisture Std 437

Charges 16 Densities (See Daily Report)
(Typed by In)

Respectfully Submitted:

PAGE 2 OF 2

Coastal Testing Laboratories, Inc.

C11 # D07

Revised 02/26/2016

Revised by Monique Connor

Revision approved by Joe Gallardo

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DAILY ACTIVITY REPORT

Project Number	16-584	Service Date	7/13/2016	Page	1
Project Name	Lake Creek Village Sec. 2	Report Number	160713-63187		
Contractor	Randy Roan Construction, Inc.	Report Date	7/19/2016		
Bill To	Lefco, Inc.	Contract No		PO No	
Job No	LCV2	File No		GFS No	
Supplier					

On July 13, 2016, a Coastal Testing Representative was present at the above referenced project, as scheduled, to perform gradation tests on the lime stabilized subgrade on Auburn Street. All tests meet project specifications.

CHARGES: 3 1/4 Hours Technician (Min. 4) + 1 Pulverization + 1 Vehicle Charge

(Typed by In)

END OF REPORT

Technician	Chase Tanner	Test Date	7/13/16
Lab Departure Time	1:30 PM	Project Arrival Time	2:45 PM
Lab Return Time	4:45 PM	Project Departure Time	3:30 PM
Standby Time		Lunch	
Straight Hours	3 1/4 Hrs.	Overtime Hours	

Note: If applicable, concrete tests will come separately.

Respectfully Submitted,


 Coastal Testing Laboratories, Inc.

DOB

Revised 02/24/2016

Revised by Monique Connor

Revision approved by Joe Gallardo

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PULVERIZATION TEST

Project: Lake Creek Village Sec. 2
For: Lefco, Inc.
Producer:
Consigned to: Randy Roan Construction
Type of Material:

Report No.: 160714-63233
Date: 7/14/2016
Project No: 16-584
Job No.: LVC2
PO No.

When tested by current THD 101E Part III methods it gave the following:

Test No & Location:	
1	Racetrack Lane
2	Dudley Lane

Test Number	1	2			
Sieve Size	1 3/4"	1 3/4"			
Percent Passing	100%	100%			
Specs % Pass	100%	100%			
Sieve Size	3/4"	3/4"			
Percent Passing	92.9%	92.4%			
Specs % Pass	85%	85%			
Sieve Size	#4	#4			
Percent Passing	60.9%	62.8%			
Specs % Pass	60%	60%			
Pass/Fail	Pass	Pass			

END OF REPORT.

Technician:	Chase Tanner
Charges:	2 Pulverizations (See Daily Report)

Respectfully submitted:

Coastal Testing Laboratories, Inc.

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PULVERIZATION TEST

Project: Lake Creek Village Sec. 2
For: Lefco, Inc.
Producer:
Consigned to: Randy Roan Construction
Type of Material:

Report No.: 160715-63285
Date: 7/15/2016
Project No: 16-584
Job No.: LVC2
PO No.

When tested by current THD 101E Part III methods it gave the following:

Test No & Location:	
1	Racetrack Lane - South Section

Test Number	1				
Sieve Size	1 3/4"				
Percent Passing	100%				
Specs % Pass	100%				
Sieve Size	3/4"				
Percent Passing	85.0%				
Specs % Pass	85%				
Sieve Size	#4				
Percent Passing	60.0%				
Specs % Pass	60%				
Pass/Fail	Pass				

END OF REPORT.

Technician:	Chase Tanner
Charges:	Tech. 3 Hrs. (Min.4)+1 Pulverization+1 Vehicle Charge (Typed by In)

Respectfully submitted:

Coastal Testing Laboratories, Inc.

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RESULTS OF NUCLEAR DENSITY TESTS

Project Number 16-584 Service Date 7/20/2016

Project Name Lake Creek Village Sec 2

Page 1

Location Paving subgrade

Report Number 160720-63374

Contractor Randy Roan Construction, Inc.

Report Date 7/22/2016

Bill To Lefco, Inc.

Contract No

PO No

Job No LCV2

File No

GFS No

Test Date 7/20/2016

Material Type Lime Stabilized Gray Clay

ASTM D-6938-06

Method A

Method B

Compaction Required 95%

Optimum Moisture 32.6

Maximum Dry Density 83.0

Moisture Requirement +/-3%

	Location	Lift	Probe Depth	Wet Density PCF	Moisture Content Percent	Dry Density PCF	Percent Maximum Density	Pass or Fail
	ABNER LANE							
1.	Right Lane Sta. 1+00	Subgrade	6"	106.4	30.5	81.5	98.2	Pass
2.	Left Lane Sta 3+00	Subgrade	6"	104.8	30.1	80.6	97.1	Pass
	DUDLEY LANE							
3.	Left Lane Sta 3+50	Subgrade	6"	110.4	31.1	84.2	101.5	Pass
4.	Right Lane Sta. 1+00	Subgrade	6"	111.7	30.5	85.6	103.1	Pass
	RACETRACK LANE							
5.	Right Lane Sta 0+75	Subgrade	6"	108.1	30.3	83.0	100.0	Pass
6.	Left Lane Sta 2+70	Subgrade	6"	108.3	30.7	82.9	99.8	Pass
7.	Left Lane Sta. 4+25	Subgrade	6"	106.9	30.2	82.1	98.9	Pass
8.	Left Lane Sta. 5+75	Subgrade	6"	114.7	31.3	87.4	105.2	Pass
9.	Left Lane Sta 7+25	Subgrade	6"	106.9	29.6	82.5	99.4	Pass
10.	Right Lane Sta 8+75	Subgrade	6"	104.9	31.8	79.6	95.9	Pass
11.	Left Lane Sta. 10+25	Subgrade	6"	110.7	33.7	82.8	99.8	Pass
12.	Left Lane Sta. 11+75	Subgrade	6"	103.3	30.4	79.2	95.4	Pass

Sample/Testing Technician Robert Wheeler

Standard Count.

Gauge Humboldt Serial # 7929

Density Std 2984.9

Moisture Std 438.7

Charges 12 Densities (See Daily Report)
(Typed by In)

Respectfully Submitted.

END OF REPORT

[Signature]
Coastal Testing Laboratories, Inc.

CTL# D07

Revised 02/26/2016

Revised by Monique Connor

Revision approved by Jose Gallardo

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DAILY ACTIVITY REPORT

Project Number 16-584 Service Date 8/22/2016 Page 1
Project Name Lake Creek Village Sec. 2 Report Number 160822-63946
Contractor Randy Roan Construction, Inc. Report Date 8/23/2016
Bill To Lefco, Inc. Contract No PO No
Job No LCV2 File No GFS No
Supplier

On August 22, 2016 a Coastal Testing Representative was present at the above referenced project to obtain 1 set of 4 cylinders cast on 8/19/16, then delivered to the lab to be stored, cured and tested.

Charges: Technician 3 1/2 hours + 1 vehicle charge.

End of report.

Technician	Robert Wheeler.	Test Date	8/22/2016
Lab Departure Time	8:15 AM	Project Arrival Time	9:45 AM
Lab Return Time	11:45 AM	Project Departure Time	10:15 AM
Standby Time		Lunch	
Straight Hours	3.50	Overtime Hours	

Note: If applicable, concrete tests will come separately.

Respectfully Submitted:

Coastal Testing Laboratories, Inc.

D08

Revised 02/24/2016

Revised by Monique Connor

Revision approved by Joe Gallardo

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RESULTS FOR COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Project Number 16-584 Service Date 8/12/2016 Page 2
 Project Name Lake Creek Village Sec. 2 Report Number 160812-63850
 Contractor Randy Roan Construction, Inc. Report Date 8/19/2016
 Bill To Lefco, Inc. Contract No PO No
 Job No LCV2 File No GFS No
 Project Location Paving

Concrete Mix Design 306
 Design Strength 3000 PSI
 Supplier Yancey
 Course Aggr 1 1/2" Limestone
 Design Water
 Slump (ASTM C-143) 5 1/2", 5 1/4", 5 3/4, 6 1/2 5 1/2, 5
 Specimens Made 6 of 24 Cylinders
 Concrete placed 570 cubic yards
 Fine Aggr

Cement
 Gal Water Added 0
 Gal Water in Aggr
 Admixtures
 Mix Temperature 90,90,92, 92,90,90
 Amb Temperature 83,83,82,82,82,81
 Air Content (ASTM C-173) 2.6, 2.7, 3.0, 2.7, 2.5, 2.9%
 Air Content (ASTM C-231)

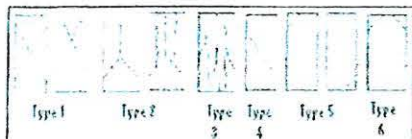
Marks	Date Poured	Date Tested	Avg Days	x-Section Area	Total Load	Pounds p/sq in	Type of Fracture	Cylinder Diameter
16-584 PL	8/12/16	8/19/16	7	28.27	82,080	2900	5	6.00
16-584 A	8/12/16	8/19/16	7	28.27	101,210	3580	5	6.00
16-584 B	8/12/16	8/19/16	7	28.27	92,520	3270	5	6.00
16-584 C	8/12/16	8/19/16	7	28.27	111,700	4060	5	6.00
16-584 D	8/12/16	8/19/16	7	28.27	105,850	3740	5	6.00
16-584 E	8/12/16	8/19/16	7	28.27	100,100	3540	5	6.00
28 DAY CYLINDERS ON								
PAGE 3								

Charges: 24 Cylinders See Daily Report
 Four Paving Left Lane of Race Track Lane Sta 0+00 to Sta 1+50 (to Sta 2+00 to Sta 12+00
 Locations: Dunley Street Sta 0+00 to Sta. 4+50 Abner Lane Sta 0+00 to Sta 3+50
 Truck# 47, 155, 150, 170, 159, 132 Ticket# 585841, 585850, 585860, 585870, 585880, 585912

Equip Temp Info:
 Equip ID: 274
 Temp Min: 85°
 Temp Max: 105°

Technician M. Kazemifar
 Testing Technician Ryan Pena PAGE 2 OF 4

All tests were performed in accordance with the following: ASTM Field Test methods C-172, C-143, C-1064, C-231 or C-173, C-31.
 Type of curing: Standard curing Initial curing Final curing Field curing, Min 60 / Max 80 Intolerance Y N



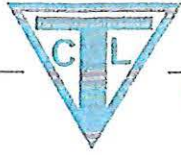
Lab test method C39
 Lab test method C617
 Lab test method C1231

Respectfully Submitted:

[Signature]
 Coastal Testing Laboratories, Inc.

D010b
 Revised 06/04/2016
 Revised by Monique Connor
 Revision approved by Joe Gallardo

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COASTAL TESTING LABORATORIES, INC.

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RESULTS FOR COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Project Number 16-584 Service Date 8/12/2016 Page 4
 Project Name Lake Creek Village Sec. 2 Report Number 160812-63850
 Contractor Randy Roan Construction, Inc. Report Date 9/9/2016
 Bill To Lefco, Inc. Contract No PO No
 Job No LCV2 File No GFS No

Project Location Paving

Concrete Mix Design 306
 Design Strength 3000 PSI
 Supplier Yancey
 Course Aggr 1 1/2" Limestone
 Design Water
 Slump (ASTM C-143) 5 1/2, 5 1/4, 5 3/4, 6 1/2, 5 1/2 5
 Specimens Made 24 Cylinders
 Concrete placed 570 cubic yards
 Fine Aggr

Cement
 Gal Water Added 0
 Gal Water in Aggr
 Admixtures
 Mix Temperature 90,90,92,92,90, 90
 Amb Temperature 83,83,82,82,82,81
 Air Content (ASTM C-173) 2.6, 2.7, 3.0, 2.7, 2.5, 2.9%
 Air Content (ASTM C-231)

Marks	Date		Avg Days	x-Section Area	Total Load	Pounds p/sq in	Type of Fracture	Cylinder Diameter
	Poured	Tested						
16-584 D	8/12/16	9/9/16	28	28.27	129,290	4570	2	6.00
16-584 D	8/12/16	9/9/16	28	28.27	124,160	4390	5	6.00
16-584 E	8/12/16	9/9/16	28	28.27	134,030	4740	5	6.00
16-584 E	8/12/16	9/9/16	28	28.27	130,680	4620	5	6.00

Charges 24 Cylinders See Daily Report

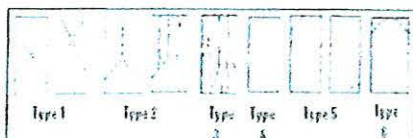
Pour Paving Left Lane of Race Track Lane Sta 0+00 to Sta 1+50 to Sta 2+00 to Sta 12+00
 Locations: Dunley Street Sta. 0+00 to Sta 4+50 Abner Lane Sta. 0+00 to Sta 3+50
 Truck#47, 155, 150, 170, 159, 132 Ticket# 585841, 585850, 585860, 585870, 585880, 585912

Equip Temp Info.
 Equip ID 274
 Temp Min 85°
 Temp Max 105°

Technician M. Kazemifar
 Testing Technician Ryan Pena

PAGE 4 OF 4

All tests were performed in accordance with the following ASTM Field Test methods C-172, C-143, C-1064, C-231 or C-173, C-31
 Type of curing Standard curing Initial curing Final curing Field curing Min 60 / Max 80 Intolerance Y N



Lab test method C39
 Lab test method C617
 Lab test method C1231

Respectfully Submitted:

Coastal Testing Laboratories, Inc.

D010b
 Revised 06/04/2016
 Revised by Monique Connor
 Revision approved by Joe Gallardo

The above test results relate only to items actually tested.
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COASTAL TESTING LABORATORIES, INC.

PASADENA 713-477-0121 • FAX 713-477-2277 • P.O. BOX 87653 • HOUSTON, TEXAS 77287-7653

DAILY ACTIVITY REPORT

Project Number 16-584 Service Date 8/8/2016 Page 1
Project Name Lake Creek Village Sec. 2 Report Number 160808-63766
Contractor Randy Roan Construction, Inc. Report Date 8/10/2016
Bill To Lefco, Inc. Contract No PO No
Job No LCV2 File No GFS No
Supplier

On August 8, 2016, a Coastal Testing Representative was present at the above referenced project, as scheduled, to obtain twenty-four (24) concrete cylinders cast August 5, 2016. Technician then delivered the cylinders to the laboratory to be stored, cured and tested.

CHARGES: 2 1/2 Hours Technician + 1 Vehicle Charge

(Typed by In)

END OF REPORT

Technician	Mohammad Kazmifar	Test Date	8/8/16
Lab Departure Time	2.15 PM	Project Arrival Time	3.15 PM
Lab Return Time	4.45 PM	Project Departure Time	3:45 PM
Standby Time		Lunch	
Straight Hours	2 1/2 Hrs.	Overtime Hours	

Note: If applicable, concrete tests will come separately.

Respectfully Submitted:



Coastal Testing Laboratories, Inc.

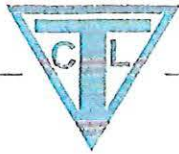
D08

Revised 02/24/2016

Revised by Monique Connor

Revision approved by Joe Gallardo

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RESULTS FOR COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Project Number 16-584 Service Date 8/5/2016 Page 2
 Project Name Lake Creek Village Sec. 2 Report Number 160805-63701
 Contractor Randy Roan Construction, Inc. Report Date 8/12/2016
 Bill To Lefco, Inc. Contract No PO No
 Job No LCV2 File No GFS No

Project Location Paving

Concrete Mix Design 306
 Design Strength 5.0sk 3000 psi
 Supplier Yancey Ready Mix
 Course Aggr 1 1/2" Limestone
 Design Water
 Slump (ASTM C-143) 5 1/2", 6", 5 1/2", 5 3/4", 5", 6"
 Specimens Made 24 Cylinders
 Concrete placed 300 cubic yards
 Fine Aggr

Cement
 Gal Water Added 0, 0
 Gal Water in Aggr
 Admixtures
 Mix Temperature 90,90,91,90,90,92
 Amb Temperature 81,81,82, 77,78,81
 Air Content (ASTM C-173) 2.8, 2.9, 2.8, 3.3, 3.0, 2.8 %
 Air Content (ASTM C-231)

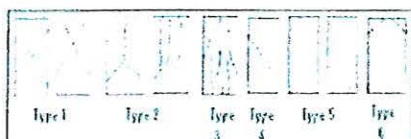
Marks	Date		Avg Days	x-Section Area	Total Load	Pounds p/sq in	Type of Fracture	Cylinder Diameter
	Poured	Tested						
16-584 PL	8/5/16	8/12/16	7	28.27	77,880	2750	3	6.00
16-584 A	8/5/16	8/12/16	7	28.27	88,350	3130	5	6.00
16-584 A	8/5/16	8/12/16	7	28.27	91,980	3250	2	6.00
16-584 B	8/5/16	8/12/16	7	28.27	88,470	3130	5	6.00
16-584 C	8/5/16	8/12/16	7	28.27	104,220	3690	2	6.00
16-584 C	8/5/16	8/12/16	7	28.27	99,120	3510	5	6.00
16-584 D	8/5/16	8/12/16	7	28.27	103,770	3670	5	6.00
16-584 E	8/5/16	8/12/16	7	28.27	99,880	3530	5	6.00
16-584 E	8/5/16	8/12/16	7	28.27	100,910	3570	5	6.00

Charges 24 Cylinders (See Daily Report)
 Pour Paving Racetrack Lane Sta. 2+00 to Sta. 12+00, Sta. 0+00 to Sta. 1+50 Dudley Street Sta. 0+00 to Sta. 4+50, Abner Lane
 Locations Sta. 0+00 to Sta. 3+50
 Truck#145, 50, 50, 50, 161, 72 Ticket#585089, 585099, 585111, 585124, 585130, 585164
 Batched: 12:36 AM, 1:17 AM, 2:27 AM, 3:20 AM, 4:13 AM, 7:27 AM
 Sampled: 1:14 AM, 1:57 AM, 3:09 AM, 4:05 AM, 4:44 AM, 8:23 AM
 Technician Mohammad Kazimifar
 Testing Technician Ryan Pena

Equip Temp Info
 Equip ID: 274
 Temp Min: 80°
 Temp Max: 98°

PAGE 2 OF 4

All tests were performed in accordance with the following ASTM Field Test methods C-172, C-143, C-1064, C-231 or C-173, C-31.
 Type of curing: Standard curing Initial curing Final curing Field curing: Min 60 / Max 80 Intolerance Y N



Lab test method C39
 Lab test method C617
 Lab test method C1231

Respectfully Submitted:

Coastal Testing Laboratories, Inc.

D010b
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RESULTS FOR COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Project Number 16-584 Service Date 8/5/2016 Page 4
 Project Name Lake Creek Village Sec. 2 Report Number 160805-63701
 Contractor Randy Roan Construction, Inc. Report Date 9/2/2016
 Bill To Lefco, Inc. Contract No PO No
 Job No LCV2 File No GFS No

Project Location Paving

Concrete Mix Design 306
 Design Strength 5000 psi
 Supplier Yancey Ready Mix
 Course Aggr 1 1/2" Limestone
 Design Water
 Slump (ASTM C-143) 5 1/2", 6", 5 1/2", 5 3/4", 5", 6"
 Specimens Made 24 Cylinders
 Concrete placed 300 cubic yards
 Fine Aggr

Cement
 Gal Water Added 0, 0
 Gal Water in Aggr
 Admixtures
 Mix Temperature 90, 90, 91, 90, 90, 92
 Amb Temperature 81, 81, 82, 77, 78, 81
 Air Content (ASTM C-173) 2.8, 2.9, 2.8, 3.3, 3.0, 2.8 %
 Air Content (ASTM C-231)

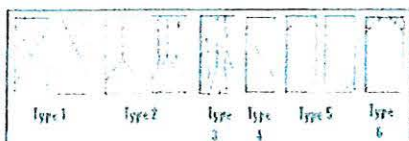
Marks	Date Poured	Date Tested	Avg Days	x-Section Area	Total Load	Pounds p/sq in	Type of Fracture	Cylinder Diameter
16-584 D	8/5/16	9/2/16	28	28.27	130,560	4620	5	6.00
16-584 D	8/5/16	9/2/16	28	28.27	130,540	4620	5	6.00
16-584 E	8/5/16	9/2/16	28	28.27	123,110	4350	3	6.00
16-584 E	8/5/16	9/2/16	28	28.27	122,130	4320	5	6.00

Charges: 24 Cylinders (See Daily Report)
 Pour Paving: Racetrack Lane Sta. 2+00 to Sta. 12+00, Sta. 0+00 to Sta. 1+50 Dudley Street Sta. 0+00 to Sta. 4+50, Abner Lane
 Locations Sta. 0+00 to Sta. 3+50
 Truck# 145, 50, 50, 50, 161, 72 Ticket# 585089, 585099, 585111, 585124, 585130, 585164
 Batched 12:36 AM, 1:17 AM, 2:27 AM, 3:20 AM, 4:13 AM, 7:27 AM
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 Technician Mohammad Kazimifar
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Equip Temp Info:
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 Temp Max 98°

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Lab test method C39
 Lab test method C617
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