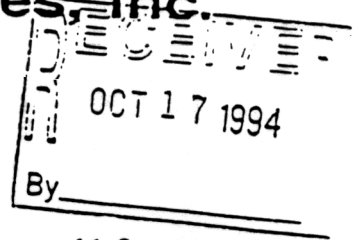


# Hooper Engineering Laboratories, Inc.

## Construction Materials Testing

### REPORT OF IN-PLACE DENSITY TESTS



CLIENT: Parkway Construction

DATE: 11 October 1994

PROJECT: Chili's Grill & Bar (Job 2417)  
W. Northwest Hwy & I-35, Dallas, TX

JOB NO.: 94.1123

MATERIAL DESCRIPTION 1) On-Site Fill - Brown Clay & Tan Clayey Sand with Gravel  
2) Borrow Fill - Dark Brown Clay

ASTM D 698 STANDARD PROCTOR: 1) 106.0 pcf @ 16.0% Moisture  
2) 98.0 pcf @ 19.0% Moisture

LOCATION	PROCTOR	LIFT	MOISTURE CONTENT %	DRY DENSITY PCF	PERCENT COMPACTION %	REQUIRED COMPACTION %
<u>Parking Area</u>						
25' north of north bldg. line 15' east of east bldg. line	1	Fin. Sub.	17.0	106.7	100.7	95 -
15' north of north bldg. line 20' east of west bldg. line	1	Fin. Sub.	16.4	108.0	101.9	
54) North bldg. line 15' west of west bldg. line	1	Fin. Sub.	18.7	105.6	99.6	
55) South bldg. line 30' west of west bldg. line	1	Fin. Sub.	18.9	103.2	97.4	
56) 100' south of south bldg. line 40' west of west bldg. line	2	Fin. Sub.	20.5	97.5	99.5	
57) 200' south of south bldg. line 40' west of west bldg. line	1	Fin. Sub.	16.9	105.4	99.4	
250' south of south bldg. line 10' west of east bldg. line	1	Fin. Sub.	16.6	105.6	99.6	
59) 125' south of south bldg. line 10' east of east bldg. line	1	Fin. Sub.	15.9	108.0	101.9	
60) 40' west of east bldg. line 75' south of south bldg. line	1	Fin. Sub.	16.7	107.5	101.4	
20' north of south bldg. line 25' east of east bldg. line	1	Fin. Sub.	21.0	104.3	98.4	

NOTE: Density tests taken after injection of chemical stabilizer.  
TECHNICIAN: CDJ

*Michael F. Mart*