

TEXAS DEPARTMENT OF TRANSPORTATION - DISTRICT LABORATORY

SUMMARY OF TRIAXIAL OR COMPRESSIVE STRENGTH

TRIAxIAL TEST NO.	97-41D				
MATERIAL	Existing	Base			
SOIL CONSTANTS	RAW		4.0%FLA		Road Bond. EN-1 4.0%FLA
LIQUID LIMIT	24				
PLASTICITY INDEX	5				
LINEAR SHRINKAGE	5				
PERCENT -40 SIEVE	17.5				
+1"	0				
+7/8"	8.7				
+3/8"	18.6				
+ #4	18.7				
+ #10	16.5				
+ #40	20.0				
TRIAxIAL TEST RESULTS COMPRESSIVE RESULTS					
DRY DENSITY #/CU.FT.			123.9		123.8
MOLDING MOISTURE			9.4		9.5
MOISTURE AFTER CURE %			3.8		3.7
MOISTURE AFTER CAPIL			11.0		11.4
VOLUMETRIC SWELL %			0.00		0.00
COMPRESSIVE @ 0# LAT.			45.03		60.56
COMPRESSIVE @ 15# LAT			159.90		180.93
TRIAxIAL CLASS					

CONT. SECT. JOB: 0032-05-029

HIGHWAY NO: US 83

COUNTY: King

ENGINEER: Gary J. Mizer, P.E.

DATE: 04-18-97

REMARKS: Existing Limestone Base

Dry Sieve Analysis + 4 = 46.0% + 40 = 82.5%

28 days curing time

Mizer
Brown
Seal
Wright