WORK AUTHORIZATION NO. 1

PROJECT: 3412 On Call Materials Testing & Geotechnical Engineering Services

This Work Authorization is made pursuant to the terms and conditions of the Williamson County Contract for Engineering Services, being dated <u>April 21, 2020</u> and entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and <u>Rodriguez Engineering Laboratories LLC</u> (the "Engineer").

- Part1. The Engineer will provide the following Engineering Services set forth in Attachment "B" of this Work Authorization.
- Part 2. The maximum amount payable for services under this Work Authorization without modification is \$20,000.00.
- Part 3. Payment to the Engineer for the services established under this Work Authorization shall be made in accordance with the Contract.
- Part 4. This Work Authorization shall become effective on the date of final acceptance and full execution of the parties hereto and shall terminate on <u>July 31, 2022</u>. The Engineering Services set forth in Attachment "B" of this Work Authorization shall be fully completed on or before said date unless extended by a Supplemental Work Authorization.
- Part 5. This Work Authorization does not waive the parties' responsibilities and obligations provided under the Contract.
- Part 6. County believes it has sufficient funds currently available and authorized for expenditure to finance the costs of this Work Authorization. Engineer understands and agrees that County's payment of amounts under this Work Authorization is contingent on the County receiving appropriations or other expenditure authority sufficient to allow the County, in the exercise of reasonable administrative discretion, to continue to make payments under this Contract. It is further understood and agreed by Engineer that County shall have the right to terminate this Contract at the end of any County fiscal year if the governing body of County does not appropriate sufficient funds as determined by County's budget for the fiscal year in question. County may effect such termination by giving written notice of termination to Engineer.
- Part 7. This Work Authorization is hereby accepted and acknowledged below.

EXECUTED this 30 day of _____, 2020.

ENGINEER:	COUNTY:
Rodriguez Engineering Laboratories	Williamson County, Texas
Ву:	By: Bill Narull
Signature	Signature 🔵
Jose Melendez PE.	Bill Gravell, Jr.
Printed Name	Printed Name
Lab. Engineer	Williamson County Judge
Title	Title

LIST OF ATTACHMENTS

Attachment A - Services to be Provided by County

Attachment B - Services to be Provided by Engineer

Attachment C - Work Schedule

Attachment D - Fee Schedule

Attachment A - Services to be Provided by County

Williamson County personnel will provide project direction, review and oversight.

Attachment B - Services to be Provided by Engineer

The Scope of Services to be provided under the terms of this contract include:

Geotechnical Engineering Studies and Consultation

Construction Materials Engineering and Testing

A detailed description of the scope of services will be provided for each specific Project Assignment as listed in each Letter of Agreement.

Attachment C - Work Schedule

Work shall begin immediately upon receipt of agreement between County and Rodriguez on the work schedule and authorization to proceed on assigned services.

Attachment D - Fee Schedule

RATE SCHEDULE

CONSTRUCTION MATERIALS TESTING SERVICES			
กระปมสกอ	Name: RODRIGUEZ ENGINEERING LABORATORIES LLC	(Unit	RATE
	Soils and Base Materials		
	Golf Density		
1.1.1	Trip Charge (round-trip from REL Austin) (Vehicle or Mileage is not Included)	Per hr	\$60.00
1.1.2	Field Tech Time (on-site only, 2-hour minimum)	Perhr	\$60.00
1,1,3	Field Nuclear Density Test	Per ea	\$41.00
1.1.4	Field Density by Sand Cone Method (ASTM D1556)	Per ea	\$55.00
	ample Pick-Up		-
1.2.1	Trip Charge (round-trip from REL Austin) (Vehicle or Mileage is not included)	Per hr	\$60.00
1.2 labor	atory Moisture Density Relationship		-
1.3.1	Trip Charge (round-trip from REL Austin) (Vehicle or Mileage is not Included)	I note	1 0000
1.3.2	Field Tech Time (on-site only, 2-hour minimum)	Perhr	\$60.00
1.3.3	Moisture Density Relationship of Soil-Cement (ASTM D 558)	Per hr	\$60.00
1.3.4	Moisture Density Relationship (ASTM D 698) Standard Proctor Compaction Test)	Per ea	\$275.0
1,3.5	Moisture Density Relationship (ASTM D 1557) (Modified Proctor Compaction Test)	Per ea	\$275.0
1.3.6	Moisture Density Relationship (TEX-113-E) Compaction Test	Per ea	\$275.0
1.3.7	Moisture Density Relationship (TEX-114-5, Part I) Compaction Test	Per ea	\$275.0
1.3.8	Moisture Density Relationship (TEX-114-E, Part II) Compaction Test	Per ea	\$308.0
	The state of the s	72120	2300,0
1.4 Labora	tory Testing of Soils		A PERSONAL PROPERTY.
1.4.1	Atterberg Limits (Liquid and Plastic Limits) (TEX-104-E, TEX-105-E, TEX-106-E)	Per ea	\$78.00
1.4.2	Bar Linear Shrinkage of Soils (TEX-107-E)	Per ea	\$66.00
1.4.3	CBR of Laboratory-Compacted Soils (ASTM D1883)	Per ea	\$495.0
	1.4.3.1 Each Additional Point	Per ea	\$165.0
1.4.4	Depth Check (Tex-140-E)	Per ea	\$20.00
1,4.5	Dry Unit Weight Test of Soils	Per ea	\$38.00
1.4.6	Field Gradation of Lime Soil (1.75, 0.75, No 4 Sieve) (in addition to hourly charge)	Per point	\$22,00
1.4.7	Hydrometer Analysis (ASTM D422), (mechanical sieve analysis is not included)	Per ea	\$116.00
1.4.8	Lime Series Curve (ASTM D 4318)	Per point	\$102.00
1.4.9	Natural Moisture Content	Per ea	\$22.50
1.4.10	Organic Content of Soils (Tex-148-E)	Per ea	\$185.0
1.4.11	Percent Passing No. 200 Sieve (TEX-111-E)	Per ea	\$51.00
1.4.12	PVR (Tex-124-E), testing is not included	Per ea	\$114.00
1.4.13	Resistivity of Soils (TEX-129-E)	Per ea	\$109.00
1.4.14	Sample Preparation (TEX-101-E)	Per ea	\$75.00
1,4.15	Sample Remolding	Per hr	\$60.00
1.4.16	Sieve Analysis (TEX-110-E)	Per ea	\$78.00
1.4.17	Shrinkage (Volumetric) (ASTM 0427, ASTM 04943)	Per ea	\$81.00
1,4.18	Soil Cement or Lime Compression Test (TEX-120-E, TEX-121-E)	Per ea	\$82.00
1,4.19	Soil pH (Tex-128-E)	Per ea	\$65.00
1.4.20	Soil Specific Gravity (TEX-108-F.)	Per ea	\$74.00
1.4.21	Stabilization Ability of Lime by Soil PH (TEX-121-E Part III) up to 6 points	Per ea	\$278.00
1.4.22	Sulfate Content (Tex-145-E)	Per ea	\$105.00
1.4.23	Texture Depth by Sand Patch (Tex-436-A)	Per ea	\$65.00
1,4.24	Unconfined Compression Test - Cohesive Soils (ASTM D2166)	Per ea	\$58.00
1.4.25	Unconfined Compression Test - Rock (ASTM D2938)	Per ea	\$81.00
	riaxial Compression Test on Base Material TEX-117E, Part II, including the following:		
1,5.1	Molding, Curing, and Testing 9 Specimens	Per ea	\$1,395.0
1.5.2	Atterberg Limits (Liquid and Plastic Limits) (TEX-104-E, TEX-105-E, TEX-106-E)	Per ea	\$78.00
1.5.3	Bar Linear Shrinkage of Soils (TEX-107-E)	Per ea	\$66.00
1.5.4	Percent Passing No. 200 Sieve (TEX-111-E)	Per ea	\$51.00

RATE SCHEDULE

	an <i>Leanur</i> a	CONSTRUCTION MATERIALS TESTING SERVICES		
038	A. 19 A. W. S.	ame: RODRIGUEZIENGINEERING WABORATORIES: U.C.	Wnit	RATIE
****	1,5.5	Sample Preparation (TEX-101-E)	Per ea	\$75,00
	1,5.6	Sleve Analysis (TEX-110-E)	Per en	\$78.00
	1.5.7	Wet Ball Mill (TEX-116-E)	Perea	\$242.00
1.6	Report of	Soil Test Results (includes clerical, anginearing review/seal, etc.)	Per eo	\$83.00
Test	ing of Con	creto and Aggregates		e laur ar ar herocorre
	Concrete		The state of the s	
7447		Trip Charge (round-trip from REL Austin) (Vehicle or Mileage is not included)	Per hr	\$60,00
THE REAL PROPERTY.		Field Tech Time (on-site only, 2-hour minimum)	Perhr	\$60,00
	2.1.3	Cylinder Charge (per each)	Per ea	\$29.00
2.2	Concrete			· · · · · · · · · · · · · · · · · · ·
		Trip Charge (round-trip from REL Austin) (Vehicle or Mileage is not included)	Per hr	\$60.00
		Field Tech Time (on-site only, 2-hour minimum)	Per hr	\$60.00
	2.2.3	Concrete Coring Equipment Charge	Per hr	\$42.00
	2,2,4	Core BH Surcharge (in addition to base equipment charge)		Allende
	i	2.2.4.1 - 3-inch diameter core	<u>Per Inch</u>	\$5.00
		2.2.4.2 - 4-inch diameter core	Per inch	\$6.50
	100000000000000000000000000000000000000	2.2.4.3 - 6-inch diameter core	Per Inch	\$8.55
	2.2.5	Concrete Core Strength Testing, Includes Core Curing and Preparation	Per en	\$72.00
2.3	Laborator	y Tusting of Concrete and Aggregates		
		Abrasion Test (TEX-410-A)	Per aa	\$265,0
****		Absorption of Aggregate	Per co	\$40.00
		Aggregate Gradation Analysis (TEX-200-F)	Perea	\$78,00
	2.3.4	Beam Flexural Strength (TEX 408-A)	Perea	\$43.00
		Coarse Aggregate Angularity	Por ea	\$82.00
	2,3.6	Crushad Face Count (TEX-460-A)	Per ea 🕝	\$83,00
	2,3.7	Decantation (Tex-406-E)	Per ea	\$37.00
	2.3.8	Deleterious Materials (Clay Lumps/Friable Part I) Mineral Aggregate (Tex-413-A)	Per ea	\$73.00
	2.3.9	Fine Aggregate Angularity	Per ea	\$82.00
	2.3.10	Fineness Modulus of Fine Aggregate (Tex-402-A)	Per ea	\$45.00
	2,3.11	Flat, Elongated Particles (ASTM D4791)	Per en	\$82,00
		Micro Deval Abrasion (TEX-461-A)	Per ea	\$245.01
	2.3.13	Organic Impurities in Fine Aggregate (Tex-408-A)	Par en	\$56.00
	2.3.14	Pavament Thickness by Direct Measurement (Tex-423-A)	Per ea	\$30.00
		Sand Equivalent (Clay Content) (Tex-203-P)	Per ga	\$95,00
		Sleve Analysis of Fine and Coarse Aggregate (Tex-401-A)	Per ea	\$78.00
		Soundness, Sodium, or Magnesium (ASTM C88, Tex-411-A)	Per ea	\$390,00
		Specific Gravity of Aggregate	Per ea	\$60,00
		Splitting Tensile Strength of Cylindrical Concrete Specimen (ASTM C496)	Per ea	\$43.00
day re		Thickness of Concrete Cylinders or CTB Cores (ASTM C174)	Per ca	\$20.00
-		Unit Weight of Aggregate	Per ea	\$40.00
	2.3.22	Unit weight of Concrete Specimens by Measurements	Per eu	\$15,00
2,4	Report of (Concrete Test Results (Includes clarica), engineering review/seal, etc.)	Per ea	\$83,00
ne il	A SALL OF	IC and Liquid Asphalt		
		k and Equia Asphaik d Testing and Sample Pick-up	· · · · · · · · · · · · · · · · · · ·	Populari de la Caracteria de la Caracter
age in the		Trip Charge (round-trip from REL Austin) (Vehicle or Militage is not included)	Per hr	\$60.00
		Frip Charge (round-trip from REL Austin) (Vehicle or Mileage is not included)	Per hr	\$60.00
		Field Tech Time (on-site only, 2-hour minimum)	Per hr	\$60.00
100 07 07 10		ongitudinal Joint Density with Density Gauge [Tex-207-F, VII] (Plus Tech time)	Por ca	\$78.00

RATE SCHEDULE

	Name/RODRIGUEZ/ENGINDERING/LABORATIORIES/LIJC		JIANE
3.1.5	Mat Segrogation with Density Gauge (Tex-207-F, Part V) (Plus Tech time)	Per ea	\$78.00
3.1.6	Pavement Thickness Determination (Tex-140-E)(Plus Tech time)	Per ea	\$20.00
3.1.7	Thermal Profile (Tex-244-F)(Plus Tech time)	Per ea	\$175.00

2 Laboral	lory Testing of HMAC		
3.2.1	Asphalt Content by Extraction (TEX-210-F, 7164)	Per ca	\$168.00
3,2.2	Asphalt Content by Ignition Method (Tex-236-F)	Per éa	\$180,00
3.2.3	Balling Stripping Test (TEX-530-C)	Per ca	\$110.00
3,2,4	Bulk Density of Compacted Specimens (TEX-207-F, Part I) (2 or 8 per set)	Per ea	\$62,08
3.2.5	Cantabro Loss (TEX-245-F) (Molding is not included)	Per ga	\$112.00
3.2.6	Extraction (Gradation & Asphalt Content) (Tex-200-F, Tex-210-F, D2172, T164)	Per ea	\$1/6.00
3,2.7	Gradution of Aggregate from Extraction or Ignition (TEX-200-F)	Per ea	\$78,00
3.2.8	Harnburg Wheel Tracker (YEX-242-F) (Includes Molding)	Per ea	\$566,00
3.2.9	Hamburg Wheel Tracker (TEX-242-F) (Molded by Client)	Per ea	\$395.00
3,2,10	Hveem Stability [TEX-208-F] (3 per set)	Perea	\$62.00
3.2.11	Indirect Tensile Strength [TEX-225-F] (Molding is not included)	Yer ea	\$73.00
3.2.12	Maximum Theoretical Specific Gravity, Rice Method (Tex 227-F)	Pro	
	3.2.12.1 - Bag Sample 3.2.12.2 - Core Sample	Per ea	\$56.00
3013		Per ca	\$66.00
3.2.13	Saind Equivalent (Clay Content) (Tex-203-F) Specific Graylty, Bulk Core	Per ea	\$95,00
3.2.14 3.2.15	Specific Gravity, Bulk Core (Vacuum Method)	Per ea	\$27.00
3.2,16	Specimen Wolding, Bulk Density, and Stability (3 per set) (Tex-206-F, 207-F, 208-F)	Per ea	\$62,00
3.2,17	Specimen Molding by SGC (TEX-241-F) (2 per set)	Per ea Per ea	\$186.00 \$85.00
3.2.18	Specimen Molding by TGC (TEX-206-F) [3 per set)	Perea	\$62.00
3.2.19	Thickness of HMAC cores by Direct Measurement	Per ea	\$13.00
	1110001300 A CHILLD SALAN M. M. L. S. C. LED SALON SERVICE STATE S	1.151 877	373.50
в нилс с	adventionissesses commence of the commence of	*****************************	
3.3.1	Trip Charge (round-trip from REL Austin) (Vehicle or Mileoga is not included)	Per hr	\$60,00
3,3,2	field Tech time (pa-site only, 2-hour minimum)	Per lur	\$60.00
3,3,3	Corg, per inch thickness		4.0100
1124 1121 1121 1121	3.3.3.1 • 0°-6" depth @ 6"Ø (includes patching and sample prep.)		
1	15:5:5:1 " U TO SEAM IN A MUNIOUS ANGUING ANG SOMPH DIED.]	Per ea	\$98.00
	3,3,3,2 - > 6"-10" double @ 6"Ø (includes patching and sample prep.)	Per en Per en	
	3.3.3.2 · > 6"-10" dopth @ 6"Ø (includes patching and sample prep.)	Per en	\$108.50
	3.3.3.2 · > 6"-10" dop'th @ 6"Ø (includes patching and sample prep.) 3.3.3.3 · > 10"-14" depth @ 6"Ø (includes patching and sample prep.)	Per ea Per ea	\$108.50 \$140.00
	3.3.3.2 · > 6"-10" dopth @ 6"Ø (includes patching and sample prep.) 3.3.3.3 · > 10"-14" depth @ 6"Ø (includes patching and sample prep.) 3.3.3.4 · >14" depth @ 6"Ø (includes patching and sample prep.)	Per ea Per ea Per ea	\$108.50 \$140.00 \$140.00
	3.3.3.2 · > 6"-10" dop'th @ 6"Ø (includes patching and sample prep.) 3.3.3.3 · > 10"-14" depth @ 6"Ø (includes patching and sample prep.)	Per ea Per ea	\$108.50 \$140.00
Laborate	3.3.3.2 - > 6"-10" depth @ 6"Ø (includes patching and sample prep.) 3.3.3.3 - > 10"-14" depth @ 6"Ø (includes patching and sample prep.) 3.3.3.4 - > 14" depth @ 6"Ø (includes patching and sample prep.) 3.3.3.5 - Per inch beyond 14" depth @ 6"Ø (includes patching and sample prep.) bry Testing of Liquid Asphalt and Emulsions	Per ea Per ea Per ea	\$108.50 \$140.00 \$140.00
Laborate	3.3.3.2 - > 6"-10" depth @ 6"Ø (includes patching and sample prep.) 3.3.3.3 - > 10"-14" depth @ 6"Ø (includes patching and sample prep.) 3.3.3.4 - >14" depth @ 6"Ø (includes patching and sample prep.) 3.3.3.5 - Per inch beyond 14" depth @ 6"Ø (includes patching and sample prep.)	Per ea Per ea Per ea	\$108.50 \$140.00 \$140.00 \$6.00
3.4.1 3.4.2	3.3.3.2 - > 6"-10" depth @ 6"Ø (includes patching and sample prep.) 3.3.3.3 - > 10"-14" depth @ 6"Ø (includes patching and sample prep.) 3.3.3.4 - > 14" depth @ 6"Ø (includes patching and sample prep.) 3.3.3.5 - Per inch beyond 14" depth @ 6"Ø (includes patching and sample prep.) bry Testing of Liquid Asphalt and Emulsions	Per en Per na Per eo Per inch	\$108.50 \$140.00 \$140.00 \$6.00
3,4.1	3.3.3.2 - > 6"-10" depth @ 6"Ø (includes patching and sample prep.) 3.3.3.3 - > 10"-14" depth @ 6"Ø (includes patching and sample prep.) 3.3.3.4 - > 14" depth @ 6"Ø (includes patching and sample prep.) 3.3.3.5 - Per inch beyond 14" depth @ 6"Ø (includes patching and sample prep.) bry Testing of Liquid Asphalt and Emulsions Abson Recovery (Extraction using Solvent is not included)	Per en Per ea Per ea Per inch Per en	\$108.50 \$140.00 \$140.00 \$6.00 \$240.00 \$94.00
3.4.1 3.4.2	3,3,3,2 - > 6"-10" depth @ 6"Ø (includes patching and sample prep.) 3,3,3,3 - > 10"-14" depth @ 6"Ø (includes patching and sample prep.) 3,3,3,4 - > 14" depth @ 6"Ø (includes patching and sample prep.) 3,3,3,5 - Per inch beyond 14" depth @ 6"Ø (includes patching and sample prep.) bry Testing of Liquid Asphalt and Emulsions Abson Recovery (Extraction using Solvent is not Included) Breaking Index (Asphalt Emulsions]	Per en Per ea Per ea Per inch Per ea Per ea	\$108.50 \$140.00 \$140.00 \$6.00 \$240.00 \$94.00 \$71,90
3,4.1 3,4.2 3,4.3 3,4.4 3,4.5	3,3,3,2 - > 6"-10" depth @ 6"Ø (includes patching and sample prep.) 3,3,3,3 - > 10"-14" depth @ 6"Ø (includes patching and sample prep.) 3,3,3,4 - > 14" depth @ 6"Ø (includes patching and sample prep.) 3,3,3,5 - Per inch beyond 14" depth @ 6"Ø (includes patching and sample prep.)	Per en Per ea Per ea Per inch Per en Per ea Per ea Per ea	\$108.50 \$140.00 \$140.00 \$6.00 \$240.00 \$94.00 \$71.00
3.4.1 3.4.2 3.4.3 3.4.4 3.4.5 3.4.6	3,3,3,2 - > 6"-10" depth @ 6"Ø (includes patching and sample prep.) 3,3,3,3 - > 10"-14" depth @ 6"Ø (includes patching and sample prep.) 3,3,3,4 - > 14" depth @ 6"Ø (includes patching and sample prep.) 3,3,3,5 - Per inch beyond 14" depth @ 6"Ø (includes patching and sample prep.)	Per en Per ea Per ea Per inch Per ea Per ea Per ea Per ea Per ea Per ea Por ea	\$108.50 \$140.00 \$140.00 \$6.00 \$240.00 \$94.00 \$71.90 \$71.00 \$71.00 \$101.00
3.4.1 3.4.2 3.4.3 3.4.4 3.4.5 3.4.6 3.4.7	3.3.3.2 - > 6"-10" depth @ 6"Ø (includes patching and sample prep.) 3.3.3.3 - > 10"-14" depth @ 6"Ø (includes patching and sample prep.) 3.3.3.4 - > 14" depth @ 6"Ø (includes patching and sample prep.) 3.3.3.5 - Per inch beyond 14" depth @ 6"Ø (includes patching and sample prep.)	Per ea	\$108.50 \$140.00 \$140.00 \$6.00 \$240.00 \$94.00 \$71.90 \$71.00 \$101.00 \$82.00
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3.4.1 3.4.2 3.4.3 3.4.4 3.4.5 3.4.6 3.4.7 3.4.8 3.4.9	3.3.3.2 - > 6"-10" depth @ 6"Ø (includes patching and sample prep.) 3.3.3.3 - > 10"-14" depth @ 6"Ø (includes patching and sample prep.) 3.3.3.4 - > 14" depth @ 6"Ø (includes patching and sample prep.) 3.3.3.5 - Per inch beyond 14" depth @ 6"Ø (includes patching and sample prep.)	Per ea	\$108.50 \$140.00 \$140.00 \$6.00 \$240.00 \$94.00 \$71,90 \$71,00 \$101.00 \$82,00 \$82,00 \$103.00
3.4.1 3.4.2 3.4.3 3.4.4 3.4.5 3.4.6 3.4.7 3.4.8 3.4.9 3.4.10	3,3,3,2 - > 6"-10" depth @ 6"Ø (includes patching and sample prep.) 3,3,3,3 - > 10"-14" depth @ 6"Ø (includes patching and sample prep.) 3,3,3,4 - > 14" depth @ 6"Ø (includes patching and sample prep.) 3,3,3,5 - Per inch beyond 14" depth @ 6"Ø (includes patching and sample prep.)	Per ea	\$108.50 \$140.00 \$140.00 \$6.00 \$6.00 \$240.00 \$94.00 \$71.00 \$71.00 \$101.00 \$82.00 \$103.00 \$63.00
3.4.1 3.4.2 3.4.3 3.4.4 3.4.5 3.4.6 3.4.7 3.4.8 3.4.9 3.4.10 3.4.11	3,3,3,2 - > 6"-10" depth @ 6"Ø (includes patching and sample prep.) 3,3,3,3 - > 10"-14" depth @ 6"Ø (includes patching and sample prep.) 3,3,3,4 - > 14" depth @ 6"Ø (includes patching and sample prep.) 3,3,3,5 - Per inch beyond 14" depth @ 6"Ø (includes patching and sample prep.)	Per ea	\$108.50 \$140.00 \$140.00 \$6.00 \$94.00 \$71,90 \$71,00 \$101.00 \$82.00 \$101.00 \$63.00 \$148.00
3.4.1 3.4.2 3.4.3 3.4.4 3.4.5 3.4.6 3.4.7 3.4.8 3.4.9 3.4.10 3.4.11 3.4.12	3.3.3.2 - > 6"-10" depth @ 6"Ø (includes patching and sample prep.) 3.3.3.3 - > 10"-14" depth @ 6"Ø (includes patching and sample prep.) 3.3.3.4 - > 14" depth @ 6"Ø (includes patching and sample prep.) 3.3.3.5 - Per inch beyond 14" depth @ 6"Ø (includes patching and sample prep.)	Per ea	\$240.00 \$94.00 \$71.90 \$71.00 \$71.00 \$101.00 \$82.00 \$101.00 \$63.00 \$148.90 \$148.00
3.4.1 3.4.2 3.4.3 3.4.4 3.4.5 3.4.6 3.4.7 3.4.8 2.4.9 3.4.10 3.4.11 3.4.12	3,3,3,2 -> 6"-10" depth @ 6"Ø (includes patching and sample prep.) 3,3,3,3 -> 10"-14" depth @ 6"Ø (includes patching and sample prep.) 3,3,3,4 -> 14" depth @ 6"Ø (includes patching and sample prep.) 3,3,3,5 - Per inch beyond 14" depth @ 6"Ø (includes patching and sample prep.)	Per ea	\$108.50 \$140.00 \$140.00 \$6.00 \$240.00 \$94.00 \$71.00 \$71.00 \$101.00 \$82.00 \$101.00 \$63.00 \$63.00
3.4.1 3.4.2 3.4.3 3.4.4 3.4.5 3.4.6 3.4.7 3.4.8 3.4.9 3.4.10 3.4.11 3.4.12	3.3.3.2 - > 6"-10" depth @ 6"Ø (includes patching and sample prep.) 3.3.3.3 - > 10"-14" depth @ 6"Ø (includes patching and sample prep.) 3.3.3.4 - > 14" depth @ 6"Ø (includes patching and sample prep.) 3.3.3.5 - Per inch beyond 14" depth @ 6"Ø (includes patching and sample prep.)	Per ea	\$108.50 \$140.00 \$140.00 \$6.00 \$94.00 \$71.00 \$71.00 \$101.00 \$82.00 \$101.00 \$63.00 \$148.90 \$148.00

RATE SCHEDULE

		CONSTRUCTION MATERIALS TESTING SERVICES		
Cons	ultentil	Name: RODRIGUEZ ENGINEERING LABORATORIES LLC	Unit	RATES
anti-transition of the same	3.4.17	Storage Stability (24 Hrs)	Per ea	\$110.00
	3.4.18	Specific Gravity of Emulsified Asphalt	Per ea	\$68.00
3.5	Report	of Asphalt Test Results (includes clerical, engineering review/seal, etc.)	Per ea	\$83.00
4. Veh	icle -			
4.1	Vehicle			
	4.1.1	Within City of Austin ETJ, within 50 miles (one-way) from REL	Per trip	\$57.00
5, Engi	ineering	Consultation		
5,1 Principal		Per hr	\$231.00	
5.2 Project Manager/Professional Engineer		Per hr	\$148.00	
5.3 Project Engineer		Per hr	\$115.00	
5.4 Graduate Engineer		Per hr	\$86.00	
5.5 Senior Engineering Technician		Per hr	\$75.00	
5.6 Engineering Technician (Asphalt, Concrete, Soils, etc.) Per hr		Per hr	\$60.00	
5.7 Clerical Per hr		\$48,00		

NOTES:

- 1. Minimum call-out charge for technician and equipment is 2 hours. Charges are accrued portal to portal.
- 2. The density test unit rate is based on a minimum of 3 tests per trip.
- 3. Transportation charges are applicable for all field testing assignments including sample pick up. But, if the technician is already at the job site, there is no sample pick up charges.
- 4. Subconsultants' fees shall be approved previous to work beginning.
- 5. Trip charge refers to the labor for the Engineering Technician to drive to site. This is charged hourly. Vehicle charges refer to cost of vehicle associated with the trip.

