

FMG. INC. 3700 Sturgis Road, Rapid City, South Dakota 57702-0317 605/342-4105 FAX 605/342-4222

August 23, 2000

Attn: Mr. Joe Jagodzinski City of Rapid City 300 Sixth Street Rapid City, SD 57701



RE:

MODIFICATION TO 2000 CONTRACT – ASPHALTIC CEMENT CONCRETE TESTING AND ADDENDUM TO GEOTECHNICAL EVALUATION FOR NORTH WILDWOOD DRIVE WATER MAIN - RAPID CITY, SOUTH DAKOTA

## Dear Mr. Jagodzinski:

As discussed, it has been requested {by various engineers with the city} that we perform Asphaltic Cement Concrete Testing at two (2) batch plants and drill four (4) additional boreholes along the North Wildwood Drive Water Main Project. These additional services will modify our contract for the referenced Year 2000 projects in Rapid City, South Dakota. The modified services have been added to our geotechnical contract and they will require that the scope of our services in the existing contract be modified. This addendum to the contract will likely raise the total contract amount from the previously approved fifty-eight thousand ten (\$58,010) to sixty thousand two hundred fifty (\$60,250). Specifically, we anticipate that the services will increase total cost of the previously proposed amounts by the values presented in Table 4 below.

In addition to the requested work, we have also included the unit costs and provisions for sampling a third batch plant in Rapid City and performing in-place field nuclear density gauge tests at various sites within the City of Rapid City. In the event that it is decided by the City Engineering Department to 1) sample the third batch plant, 2) perform additional tests beyond those specified in Table 5 for the Hills Materials and Simon's batch plants, or 3) perform in-place field nuclear density gauge testing then we will use the unit rates attached in Table 5 to develop a revised cost for the additional services.

Table 4. Additional Co	osts-2000 City	Construction Projects	
Year 2000	Approximate	Type of	
Construction Project	Cost of Service	Geotechnical Service	
North Wildwood Drive Water Main Addendum	\$890.00	Drill 5 more Boreholes & Perform Lab Tests SampleHillsMatls.Plant3Times&Simon'sPlant2Times	
Asphaltic Cement Concrete Tests-VariousProjects	\$1,350.00	All Additional Services	
Total	\$2,240.00	All Additional 55, 1100	

We appreciate this opportunity to be of continued service. If you have any questions or desire any additional information, please don't hesitate to contact us.

Respectfully submitted

FMG, Inc.

Walter L. Slack, P.E.

copies: Mr. Joe Jagodzinski - Telefacsimilie Copy to (605) 394-6636

Computer File 2000City.Pro & Hard Copy in Proposal File

Civil Engineering Geotechnical Engineering Materials Testing Laboratory Land Surveying avironmental Services

TABLE 5-Estim	iate-Asph	altic Ce	me	nt Concre	te lesting	
PRO JECT INFORMATION				CLIENT INFORMATION		
PROJECT NAME:	Asphaltic Cement Concrete			NAME: Mr. Joseph Jagodzinski		
PROJECT NAME.	Hills, Simon's, J&J, and Various			ADDRESS: 300 Sixth Street		
	Asphalt Testing			ADDRESS: Rapid City, SD 57701		
PROJECT TYPE:  Task/Item/Materials	Quantity	Units	@	Rate	per Unit	Sub-Total
	1					
TESTING SERVICES	er Sampling EV	vent				
lills Material's Asphalt Concrete Costs p	0.5	hours	@	\$30.00	per hour	\$15.00
ield Technician-Sample Collection	1	test	@	\$135.00	per test	\$135.00
acuum Extraction Test	1	test	@	\$60.00	per test	\$60.00
Marshall Test Materials Specialist-Report Preparation	1	hours	@	\$60.00	per hour	\$60.00
Materials Specialist-Report Freparation						\$270.00
Sub-Total per Sampling Event	3	sampling	@	\$270.00	per hour	\$810.00
Sampling Events for Hills Materials						
Simon's Asphalt Concrete Costs per Sar	npling Event					£45.00
ield Technician-Sample Collection	0.5	hours	@	\$30.00	per hour	\$15.00 \$135.00
/acuum Extraction Test	1	test	@	\$135.00	per test	\$135.00
Marshall Test	1	test	@	\$60.00	per test	\$60.00
Materials Specialist-Report Preparation	1	hours	@	\$60.00	per hour	\$270.00
Subtotal per Sampling Event						
Sampling Events for Simon's	2	sampling	_@	\$270.00	per hour	\$540.00
Sampling Events for Cimente						
J & J Asphalt's-Asphalt Concrete Costs	per Sampling I	Event				\$30.00
Field Technician-Sample Collection	1	hours	@		per hour	\$3.50
/ehicle Mileage	10	miles	@		per mile	\$3.50 \$135.00
Venicle Mileage Vacuum Extraction Test	1	test	@		per test	\$60.00
Marshall Test	1	test	@		per test	\$60.00
Materials Specialist-Report Preparation	1	hours	@	\$60.00	per hour	\$285.00
Subtotal per Sampling Event						\$0.00
Sampling Events for J & J Asphalt		sampling	@	\$285.00	per hour	\$0.00
Sampling Events tel e a sampling					a at Various City	Locations
Unit Rates for Field Nuclear Density Ga	uge Testing Ser	vices of Aspl	natic	Cement Concret	e at various City	\$0.00
Field Technician		1			per hour	\$0.00
Senior Field Technician		hours	@		per mile	\$0.00
Vehicle Mileage		miles	@		per hour	\$0.00
Materials Specialist-Report Preparation		hours	@	\$60.00	pernous	\$0.00
Subtotal for Field Nuclear Density G	auge Testing	<del></del>		<del></del>		¥
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		l plicable taxe	<u>e)</u>			\$1,350.00
Grand Total Estimate						