

Hidalgo County

PROFESSIONAL SERVICES  
INSPECTION, MATERIAL TESTING AND CONSTRUCTION MANAGEMENT

REQUEST FOR PAYMENT NO: 11 (July 2022)  
BILLING PERIOD: July 1, 2022 through July 31, 2022

CITY/COUNTY: Hidalgo County  
PROJECT NAME: Hidalgo County Street Inventory  
Work Authorization No. 1  
ENG./ARCH.FIRM: SAMES, Inc. (SAM Engineering and Surveying)  
ADDRESS: 200 S 10th ST. SUITE 1500  
CITY/STATE: McAllen, Texas ZIP: 78501

Contract Amt. \$1,660,128.92

Contract#: C-21-0435-09-21

Purchase Order# 838888

SCOPE OF SERVICES	ESTIMATED AMOUNT	% COMPLETED TO DATE	TOTAL DUE	LESS PREVIOUS PAYMENTS	AMOUNT DUE THIS REQUEST
<b>Phase 1: Preparatory</b> Task 1-7, Preparatory.	\$180,706.00	100.00%	\$180,706.00	\$180,706.00	\$0.00
Task 1-10: Project Management.	\$245,226.00	83.33%	\$204,346.83	\$183,919.50	\$20,427.33
<b>Phase 2: Roadway Inventory</b> Task 1-6, Data Collection..	\$975,984.00	81.85%	\$798,842.90	\$710,223.56	\$88,619.34
Task 1-5, Update Database(s).	\$173,572.00	81.85%	\$142,068.68	\$126,308.34	\$15,760.34
<b>Phase 3: GASB Report</b> Task 1-4, GASB Report.	\$68,204.00	75.00%	\$51,153.00	\$42,627.50	\$8,525.50
<b>Direct Expenses</b> Mileage	\$16,436.92	83.33%	\$13,696.89	\$12,327.69	\$1,369.20
<b>TOTAL</b>	<b>\$1,660,128.92</b>	<b>83.78%</b>	<b>\$1,390,814.30</b>	<b>\$1,256,112.59</b>	<b>\$134,701.71</b>

Work Authorization Summary

WA No.1	<u>WA Amount</u>	<u>Previously Invoiced</u>	<u>Percentage Complete</u>	<u>Remaining Balance</u>
	\$1,660,128.92	\$1,256,112.59	83.78%	\$269,314.62

\*Please attach supporting documents to this request.  
I certify that the above is true and correct to the best of my knowledge.

INVOICE RECEIVED BY: [Signature] ON 8/1/22  
GOODS/SERVICES RECEIVED BY: [Signature] ON 8-1-22

[Signature] 08.01.2022  
Samuel D. Maldonado, P.E., R.P.L.S. Date  
Principal  
SAMES, Inc.  
Please process this invoice/credit memo from this emailed copy as requested by County Auditor. Invoice entered in Tracker  
PO # 838888  
Acct # 2-1290-441-62-115-202-1-334



Engineering Firm Reg # 10602    Surveying Firm Reg # 101416-00    Architectural Firm Reg # BR 4166  
200 S. 10<sup>th</sup> Street, Suite 1500, McAllen, Texas 78501    Phone: (956) 702-8880    Fax: (956) 702-8883  
DUNS 834820735    CAGE CODE 66N60

August 1, 2022

Roy Quintanilha, CPM  
Hidalgo County Executive Office  
505 S. McColl Rd., 2<sup>nd</sup> Floor  
Edinburg, Texas 78539

Re:    Professional Engineering Services- Contract C-21-0435-09-21  
      Work Authorization No. 1 – Roadway & Bridge Inventory Assessment Study and Report(s)

Dear Mr. Quintanilha,

Attached for your review and approval is our request for Payment No. 11 for services rendered under Work Authorization No. 1, executed September 21, 2021. Services rendered are for work completed July 1, 2022, through July 31, 2022, on the above referenced project.

The following is a narrative of the progress for this period:

**TASK DESCRIPTIONS**

**Phase 1: Preparatory** **100%**

Preparatory Task 1-10

- Review County provided criteria, previous database, existing basemaps, and any other pertinent project documents.
- Prepare Project Management Plan for services during project duration.
- Prepare/Coordinate & Conduct Project Coordination meetings with Hidalgo County Officials.
- Prepare preliminary list of “new” roadways or developments in the County since previous GASB Report.
- Develop a database containing all assessment parameters.
- Develop a georeferenced mapping system to contain and display all the defects and their severity.
- Evaluate software/systems to provide the condition ratings for each roadway.

**Project Management Task 1-10****83.33%**

- Prepare and submit Monthly invoicing to County.
- Coordinate Project Segment Kickoff Meetings with each Precinct to establish the Precinct's priorities and identify primary points of contact.
- Coordinate with Hidalgo County Officials to obtain county road historical data (construction date, maintenance, etc.).
- Conduct Internal Meetings with all team members to ensure adherence to scope, schedule, and budget.
- Conduct Monthly meetings with each Precinct to review project progress, scope of work and adherence to schedule.
- Coordinate & attend field visits with Hidalgo County Officials throughout the duration of the project.
- Process RFI's and coordinate with Hidalgo County Officials as needed to request clarifications of street limits, conflicts in name, lack of access, etc.
- Conduct "Hold Points" (new task/scope of work) meetings and "Hands Down" (incident review) meetings as needed.
- Quality Control reviews of data processing.
- QA/QC of Database, PCI, GIS Files, GASB Report.

**Phase 2: Roadway Inventory****81.85%**

## Data Collection

- Perform on-site assessment identifying all roadway elements such as Apparent ROW, Pavement Type and Width, Street Length, Sidewalks, and Striping.
- Collect georeferenced photographic evidence of all street signage including Speed Limits, Traffic Signs, Regulatory Signs, Warning Signs, Construction & Maintenance Signs, Service Signs, and Guide Signs.
- Assess the efficacy of Roadway Drainage.
- Provide a Condition Rating of all defects identified within County Roads.
- Daily quality control of field activities to ensure proper categorization.
- Capture and compile photographic evidence roadway conditions.

**Update Database(s)****81.85%**

- Populate and maintain the database containing all assessment parameters and Condition Rating Score.
- Provide an estimate for roadway improvements required and capitalize all existing roadways.
- Develop proposed improvement schedule/categories.
- Populate and maintain the georeferenced mapping system to contain and display all the defects and their severity.
- Develop and maintain a PCI based on field parameters.



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**Phase 3: GASB Report** **75.00%**

GASB Report

- Prepare and present exhibits to county officials to include Database Reports, GIS Files, Management Plan, etc.
- Calculate historical value, prepare existing value and replacement, repair, and maintenance costs of county roads based on information collected.
- Identify optimal replacement and repair costs.
- Prepare final GASB-34 report to present to Hidalgo County Officials.

**Direct Expenses** **83.33%**

For your review and consideration attached is our Request for Payment No. 11.  
Should you have any questions regarding this submittal please do not hesitate to call me at 956-702-8880.

Respectfully,


Samuel D. Maldonado, P.E., R.P.L.S  
Principal  
SAMES, Inc.



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# Memo

**To:** Roy Quintanilha, CPM  
**From:** Samuel D. Maldonado, P.E., R.P.L.S.   
**Date:** August 1, 2022  
**Re:** Hidalgo County Street Inventory Invoice #11

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Please see below for the list of items accomplished from July 1, 2022, to July 31, 2022, on the Hidalgo County Street Inventory Project. Should you have any questions, please do not hesitate to reach out to me.

1. SAMES, Inc. met with Precinct 2 on July 8, 2022.
2. SAMES, Inc. met with Precinct 1 on July 14, 2022.
3. SAMES, Inc. met with H.C. Purchasing Dept. on July 27, 2022.
4. Total mileage inspected within Hidalgo County: 1891.43 miles/ 100% miles (See Exhibit A).
5. Performed on-site inspection identifying all road elements on inspected county roads on Precincts 1,2,3, and 4 (See Exhibit A).
6. Collected georeferenced photographic evidence of street signage on inspected county roads on Precincts 1,2,3, and 4 (See Exhibit A).
7. Collected the roadway drainage elements on inspected county roads on Precincts 1,2,3, and 4 (See Exhibit A).
8. Performed a condition rating of road defects on inspected county roads on Precincts 1, 2, 3, and 4 (See Exhibit A).
9. Captured and compiled photographic evidence of roadway conditions on inspected county roads on all precincts (See Exhibit A).

10. Revisited and performed on-site inspection on roads previously identified as 'Private' on Precincts 1, 2, 3, and 4.
11. Revisited and performed on-site inspection on roads previously identified as 'Under Construction' on Precincts 1, 2, 3, and 4.
12. Revisited and performed on-site inspection on roads previously identified as 'Does Not Exist' on Precincts 1, 2, 3, and 4.
13. Performed on-site inspections on roads identified as new roads and added them to the data base and GIS map.
14. Populated and maintained the database (See Exhibit B).

## Exhibit B - List of Roads Inspected - July 2022

Street Name	Pct	Road ID	City	Starting Point	End Point
N Westgate Dr	1	640	Weslaco	<u>26.184268, -98.007225</u>	<u>26.084945 -97.977722</u>
N Westgate Dr	1	394	Weslaco	<u>26.185587, -98.007254</u>	<u>26.084945 -97.977723</u>
Delta Lake Park Rd	1	1652	Edcouch	<u>26.405454, -97.962987</u>	<u>26.084945 -97.977736</u>
Juarez St	1	1629	Donna	<u>26.156580, -98.098779</u>	<u>26.084945 -97.977747</u>
Mile 5 1/2 W	1	834	Weslaco	<u>26.213590, -97.991687</u>	<u>26.084945 -97.977769</u>
E Sioux Rd	1	5219	Alamo	<u>26.209765, -98.113905</u>	<u>26.084945 -97.977821</u>
Pine Ave	1	615	Donna	<u>26.196870 -98.025139</u>	<u>26.084945 -97.977829</u>
Hurst Dr	1	4080	Edcouch	<u>26.346892, -97.980183</u>	<u>26.084945 -97.977836</u>
Oak Hill Dr	1	4127	Edcouch	<u>26.344917, -97.982100</u>	<u>26.084945 -97.977837</u>
Mile 12 1/2 N	1	5145	Mercedes	<u>26.236427, -97.916158</u>	<u>26.084945 -97.977851</u>
Mile 3 Rd	3	3489	Penitas	<u>26.278839, -98.445223</u>	<u>26.084945 -97.978273</u>
Mile 3 Rd	3	3602	Penitas	<u>26.277361, -98.434889</u>	<u>26.084945 -97.978278</u>
Mile 3 Rd	3	3603	Penitas	<u>26.276543, -98.430459</u>	<u>26.084945 -97.978279</u>
Mile 3 Rd	3	3005	Penitas	<u>26.272577, -98.419314</u>	<u>26.084945 -97.978280</u>
Arrowhead Ranch Rd	3	3596		<u>26.548028, -98.372517</u>	<u>26.084945 -97.978721</u>
Mieko Cir	3	3663	Mission	<u>26.285001 -98.353167</u>	<u>26.084945 -97.978726</u>
Tula St	3	2834	Mission	<u>26.310650 -98.376719</u>	<u>26.084945 -97.978832</u>
Zurich Ave	3	3380	McAllen	<u>26.309776 -98.309728</u>	<u>26.084945 -97.979364</u>
Rambo Dr	4	1752	Edinburg	<u>26.317314, -98.086067</u>	<u>26.084945 -97.979423</u>
Queens Dr	4	2122	Edinburg	<u>26.311011, -98.087192</u>	<u>26.084945 -97.979424</u>
E Mile 19 Rd N	4	1939	Edinburg	<u>26.344783, -98.112910</u>	<u>26.084945 -97.979425</u>
S Cesar Chavez Rd	4	1706	Edinburg	<u>26.288689, -98.117540</u>	<u>26.084945 -97.979426</u>
Taylor Rd	4	2668	Edinburg	<u>26.280606, -98.265900</u>	<u>26.084945 -97.979427</u>
N Bentsen Rd	4	1890	McAllen	<u>26.293686, -98.255029</u>	<u>26.084945 -97.979428</u>
87th St	4	2533	Edinburg	<u>26.290470, -98.069219</u>	<u>26.084945 -97.979438</u>
Addison Dr	4	10135	Edinburg	<u>26.339710 -98.102567</u>	<u>26.084945 -97.980184</u>
Thanksgiving St	4	10134	Edinburg	<u>26.340461 -98.104851</u>	<u>26.084945 -97.980186</u>