

**AMENDMENT NO. 1
TO ENGINEERING PROFESSIONAL SERVICES AGREEMENT
Pavement Management Plan Update**

This “Amendment No.1” is made and entered into this _____ day of _____, 2026, by and between Lake Havasu City, an Arizona municipal corporation (“City”), and Nichols Consulting Engineers, CHTD d.b.a. NCE (“Consultant”), amending the Engineering Professional Services Agreement dated April 22, 2025 (“Agreement”), between City and Consultant for the project known as Pavement Management Plan Update. The Parties agree as follows:

1. Amended Scope of Work and Fees

1.1 Scope of Work

Section 1 of the Agreement, Exhibit “A” Scope of Work, is amended to include the additional services of Virtual StreetSaver and Automated Distress Data Training, Unit Cost and Decision Tree Development, and Sign Inventory as described in the attached Exhibit “A-1” incorporated herein by this reference.

1.2 Fees

Section 2.1 of the Agreement, Exhibit “B” Fee Schedule, is amended to include additional services as described above in the attached Exhibit “B-1” incorporated herein by this reference.

2. General Conditions

All other provisions of the Agreement not amended by this Amendment No. 1 shall remain in full force and effect as stated therein.

3. Insurance and Indemnification

Consultant certifies that the insurance and indemnification requirements contained in the Agreement are applicable to, extend to, and include the services to be performed pursuant to this Amendment No.1.

This Amendment No. 1 is entered into as of the day and year first written above.

LAKE HAVASU CITY

CONSULTANT

BY: _____

BY: _____

Title: City Manager

Title: _____

Date: _____

Date: _____

APPROVED AS TO FORM:
Lake Havasu City Attorney's Office

EXHIBIT “A”- SCOPE OF WORK

1. Additional Project Services. Consultant agrees to perform additional professional services for the Project. The Additional Services are described in the following subtasks:

1.5 Virtual StreetSaver and Automated Distress Data Training

- A. Consultant will conduct three (3), 3-hour sessions focused on different aspects of the StreetSaver PMP software.
- Training sessions will utilize City’s database.
 - Demonstrations of the use of PCI data (PCI, Pavement distresses, and Videos) collected to develop pavement recommendation.
 - Items covered during the training will include at least the following:
 - Updating functional class or other section attributes
 - Maintenance and Rehabilitation (M&R) Updates
 - Adding newly accepted sections
 - Project Selections (by PCI and Location)
 - Target Driven Scenarios (by year, PCI, location)
 - Custom Reporting Tools
 - Security Settings (set up new user or assign screens and reports allowed per user)
 - Using Consultant distress data file to determine pavement treatment
 - Projects/Tasks will be created for the City staff to perform during the training to obtain real-time hands-on experience.

B. Deliverables - Training Materials (PDF format), Training database for 5 City staff, Workflow in MS Excel, 6 hours of Technical Support.

1.6 Unit Cost and Decision Tree Development

- A. Meeting with Consultant and City to review M&R strategies with City staff. Consultant will provide an overview of different treatments available, and their applicability to Lake Havasu City. Consultant will discuss with City staff the desired level of service they expect for each functional classification and each surface type for street sections. This will include - pavement preservation activities (e.g., slurry and cape seals, microsurfacing, thin overlays, crack filling and sealing), rehabilitation (e.g., cold in-place recycling, full depth reclamation, foam asphalt, warm mix technology), and minimum level of acceptability for each surface type (e.g., asphalt, concrete).

- B. The advantages and disadvantages of each will be discussed, together with any local experiences. In particular, the transverse cracks present on many residential streets will be examined to determine if their condition has deteriorated significantly since they were last inspected in 2024.
- C. After M&R alternatives are defined, a treatment unit cost will be determined for each alternative. These alternatives and costs will then be entered into the database for budgetary analyses and provided to the City for approval
- D. Deliverables - Decision Tree & Unit Cost

1.7 Sign Inventory

- A. Consultant will inventory all signs visible in the public ROW. The inventory will include GIS location, street name, address, sign ID, type, MUTCD code/description, pole ID, signpost type, post/sign count, installation order, estimated width/height, mounting height, size estimation error disclaimer, sign text, facing direction, and physical condition.
 - B. Deliverables - A geodatabase for Sign Inventory
2. Schedule. The Additional Services will commence upon receipt of an executed Amendment No.1 and will take 11 months (December 31, 2026) for completion.
3. Assumptions.
- A. Training will be held virtually (through MS Teams or Similar),
 - B. Five (5) City staff will get hands-on training,
 - C. Training will be provided in three (3), 3-hour modules done over multiple days,
 - D. Work Plan will be done once Task Two (Unit Cost and Decision Tree) is finalized and accepted by City.
4. Services Not Included. Other City staff may attend the training but will not have access to the training database.

EXHIBIT "B" - FEE SCHEDULE

Consultant agrees to perform the Additional Services outlined in Exhibit A-1 for a lump sum of \$88,900.00 excluding additional services if necessary and by prior, written amendment, to be invoiced on an hourly rate based on the Rate Schedule below and as follows:

Task 1.5 - Virtual StreetSaver & Automated Distress Data Training	\$8,700.00
Task 1.6 - Unit Cost & Decision Tree Development	\$8,700.00
Task 1.7 - Sign Inventory	<u>\$71,500.00</u>
Total	\$88,900.00

Travel Expenses included in fees above

NCE. - 2026 HOURLY RATES

STANDARD RATE SCHEDULE

E-5	PRINCIPAL ENGINEER	\$275/HOUR
E-4	ASSOCIATE ENGINEER	\$250/HOUR
E-3	SENIOR ENGINEER.....	\$180/HOUR
E-2	PROJECT ENGINEER.....	\$160/HOUR
E-1	STAFF ENGINEER.....	\$150/HOUR
	SENIOR GIS ANALYST.....	\$150/HOUR
	GIS ANALYST.....	\$125/HOUR
	SENIOR TECHNICIAN.....	\$120/HOUR
	TECHNICIAN.....	\$110/HOUR

OUTSIDE SERVICECOST +10 %