

**SUPPLEMENT NO. 3 TO THE PROFESSIONAL ENGINEERING SERVICES
CONTRACT FOR THE INTERSTATE 215 AND AIRPORT CONNECTOR
INTERCHANGE PHASE 3 PROJECT**

THIS Supplemental No. 3 Contract, made and entered into this 6th day of June, 2023, between CLARK COUNTY, NEVADA, a political subdivision of the State of Nevada, hereinafter referred to as "COUNTY", and WSP, USA, INC., a corporation authorized to do business under the laws of the State of Nevada, hereinafter referred to as "ENGINEER". The COUNTY and ENGINEER may herein be referred individually as "Party" or collectively as "Parties".

The initial addresses of the Parties, which one Party may change by giving notice to the respective other Party, are as follows:

COUNTY	ENGINEER
Denis Cederburg, Director Clark County Department of Public Works 500 South Grand Central Parkway, Suite 2066 Las Vegas, Nevada 89155 (702) 455-6020	Syndi Dudley, PE Senior Director, Local Business Leader WSP USA, Inc. 300 S. 4 th Street, Suite 1200 Las Vegas, Nevada 89101 (725)724-4400

WITNESSETH

WHEREAS, on May 7, 2019, the COUNTY and the ENGINEER entered into a contract (hereinafter "Contract") for professional engineering services for the Interstate 215 and Airport Connector Interchange Phase 3 Project (hereinafter "Project"); and,

WHEREAS, on July 6, 2021, Supplemental No. 1 to the Contract was approved by the COUNTY to pursue additional professional engineering services including additional design and related services which included an environmental analysis and design modifications; and,

WHEREAS, on May 17, 2022, Supplemental No. 2 to the Contract was approved by the COUNTY to extend the time of performance due to delays caused by design modifications and the additional design requirements of the Statewide Transportation Improvement Program (STIP).

WHEREAS, the COUNTY desires to pursue additional professional engineering services to provide additional design for the Project; and

WHEREAS, this Supplemental No. 3 to the Professional Engineering Services Contract increases funding by \$495,140.35 bringing the total contract amount to \$2,456,041.35.

NOW, THEREFORE, for and in consideration of the premises and mutual covenants herein contained, it is agreed as follows:

ARTICLE II: SCOPE OF SERVICES

2.02 Basic Engineering Services

Add the following to this Section:

LL. Traffic Noise Assessment (TNA): Prepare a Traffic Noise Assessment (TNA) and report to support the 2021 Categorical Exemption (CE). The study area for traffic noise modeling limits will cover the entire area of the overall Airport Connector project where noise-sensitive land uses presently exist consistent with the FHWA Noise Abatement Criteria (NAC) land use categories. The following additional tasks are anticipated:

1. County and NDOT Meetings
2. Gather Existing Data within the Study Area
 - a. Micro-station CAD files of the build condition and future design.
 - b. As-built coordinates of the existing noise walls including X, Y, Z_(ground) and Z_(top of wall) coordinates. Coordinate points are provided at periodic intervals along the entire length of each existing wall.
3. Traffic Noise Modeling
 - a. Traffic Noise Modeling (TNM 2.5) will be completed for the proposed 2040 build traffic condition and include all current proposed roadway improvements. Roadway segments along I-215 and any other roadways consisting of 3 or more traffic volume lanes will be modeled up to a maximum of 2 lanes per TNM link. Furthermore, shoulders and any median barriers will be included as separate elements in the TNM models.
 - b. Noise modeling will be completed for both the 2040 AM and PM traffic volume data.
 - c. Build condition TNM models will include at least 3 rows of sensitive properties. If impacts (without abatement) are found to occur in the third row, a fourth row of receptors will be added. Shielding from building rows will be included in the models. In addition to the new receptors, the receptors in the 2010 prepared TNM models will be incorporated into the new TNM models to provide some continuity from the previous modeling completed work within this corridor. These older receptors will be identified with unique receptor ID names to distinguish them from the new receptors.
 - d. TNM modeling will be completed for two scenarios. Scenario 1 will consider noise exposure without the existing walls and Scenario 2 will model the existing noise walls as they exist today. To determine if the existing noise walls provide adequate noise reduction, a comparison of

noise exposure without (Scenario 1) and with abatement (Scenario 2) will be completed in tabular format for all receptors behind each existing noise wall. Legacy receptors will be added to the bottom of each table comparison.

- e. No existing noise measurements will be collected and therefore no TNM model validations will be completed.
- f. Existing peak hour AM and PM noise levels will not be determined.

4. **NDOT Abatement Criteria Evaluation**

- a. The noise abatement comparison will be prepared by applying the current (October 2022) NDOT feasibility and reasonableness criteria to determine if the noise reduction effectiveness of the existing noise walls satisfies or does not satisfy those minimum requirements under the projected 2040 AM and PM traffic conditions.
 - Deliverable: Two (2) hard copies of the Technical Memo and all TNM modeling files will be submitted to COUNTY.
 - Deliverable: An electronic copy of all deliverable items shall be submitted in .pdf matrix (300 dpi) format to the COUNTY and NDOT for review.
 - Address all comments made to the Technical Memo and/or TMN Modeling files and resubmit electronically for review.

MM. Retaining Wall “RW 219” (219A, 219B, 219C): Additional design required for this retaining wall due to the following geometrical constraints:

1. Limited construction space between RW219 layout line and pile cap of existing Sunset Road Bridge.
2. Potential conflicts for ground anchor wall construction due to low elevations of existing pile caps and spreads footing.
3. Headroom limitation at the existing Sunset Road Bridge that limited the constructible length of the soldier pile wall.

As a result of various constraints, a combination of a CIP cantilever retaining wall, a ground anchor wall, and a soldier pile wall are proposed to accommodate design improvements. Close coordination with Geotechnical Engineer was required to design and detail these walls.

The additional work includes design, details, updated retaining wall plan (CIP, a ground anchor and a soldier pile) and profile, calculations, detail sheets, quantities, and specifications. RW-219 series wall plans were submitted in the pre-final submittal.

NN. Additional coordination with UPRR and NDOT

In general, additional coordination will include additional meetings, exhibits, and research.

OO. Additional coordination with CCDOA

1. Schematic design of detour to accommodate “WN” Off-ramp closure.
2. Staging exhibit to depict maintenance of traffic and perform constructability review.
3. Participate in a meeting to discuss staging exhibit and address review comments.

PP. NDOT CAD file request for Airport Connector Phase 1 and Phase 2

2.03 Special Services

Add the following to this Section:

- L. Additional geotechnical investigation. The CCDOA required that air-knifing be used on all borings done on CCDOA property. Potholes required for additional retaining wall.
- M. Perform a field evaluation, design and shop drawing review, and prepare report for the Summerlin Center Bridge a part of the CC-215 Tropicana to Charleston project currently under construction.
- N. Perform additional survey for additional scope added to the project at the intersection of Arby Ave. and Bermuda Rd.
- O. Pull title report and plot the existing easements for the parcel on the southwest corner of Paradise Rd. and Sunset Rd.
- P. Based on comments from CCDOA, revised design after the 90% level to accommodate a third lane from Bermuda Rd. to past the new ramp being added to allow buses additional time to merge. Attend meeting with CCDOA and provide exhibit to verify revision would satisfy concern and then update geometry and all impacted sheets within the plan set.
- Q. Prepare legal description for a permanent easement and temporary construction easement needed for a traffic signal relocation at Paradise Rd. and Sunset Rd.

ARTICLE IV: TIME OF PERFORMANCE

4.01 Time of Performance

Add the following to this Section:

<u>TASK</u>	<u>DESCRIPTION</u>	<u>COMPLETION TIME</u>
2.02 LL	Traffic Noise Assessment	Within 45 calendar days following the receipt of the notice from the Director to begin work on this Supplemental.
2.02 MM	Retaining wall RW 219	Within 90 calendar days following the receipt of the notice from the Director to begin work on this Supplemental.

Delete the last paragraph in this subsection and replace with the following:

Except as provided above, the ENGINEER shall complete all other Basic Services and authorized Special Services by the end of December 31, 2025, unless the Board of County Commissioners amends such date in writing.

ARTICLE V: PAYMENT FOR SERVICES

5.01 Maximum Amount Payable

Delete the first paragraph of this section and replace with the following:

The maximum amount payable by the COUNTY to the ENGINEER shall be a sum of money equal to the Basic Services fees plus the Special Service fees, if, as, and when approved by the Director, and provided, however, that under no circumstances may the total amount payable to the ENGINEER under this Contract or in connection with the subject matter of this Contract, exceed the sum of One Million Nine Hundred Fifty-Three Thousand Seven Hundred Twenty-Seven Dollars and Seventy-Five Cents (\$1,953,727.75) for the Basic Service fees, Five Hundred Two Thousand Three Hundred Thirteen Dollars and Sixty Cents (\$502,313.60) for the Special Services fees, unless such sum is increased by the Clark County Board of Commissioners, but only to the extent such total sum is increased.

5.02 Basic Services and Special Services Fees

Delete the last paragraph of this section and replace with the following:

In no event may the fees exceed the following Basic Services and the Special Services fees shown below in purposes or amounts:

<u>TASK</u>	<u>MAXIMUM AMOUNTS</u>
Basic Services 2.02	\$1,953,727.75
Special Services 2.03	\$502,313.60
Grand Total Basic and Special Services	\$2,456,041.35


The remainder of this Professional Engineer Services Contract dated May 7, 2019 as supplemented on July 6, 2021 and May 17, 2022, remains unchanged.

IN WITNESS WHEREOF, the Parties have executed this Supplemental No. 3 Contract as of the date herein above set forth.

CLARK COUNTY, NEVADA

WSP USA, INC

Randall J. Tarr
Deputy County Manager



Syndi Dudley, P.E.
Senior Director, Local Business Leader

APPROVED AS TO FORM:



Ashley A. Balducci
Deputy District Attorney

EXHIBIT "AAA"
**MAXIMUM DIRECT SALARY OF THE ENGINEER'S EMPLOYEES STANDARD
RATES**

CLASSIFICATION	DIRECT SALARY (Not to Exceed) <u>(Standard Rates)</u>
Principal/Associates	\$130
Project Manager	\$110
Senior Supv. Engineer	\$95
Senior Engineer	\$85
Lead Engineer	\$75
Engineer	\$65
Assistant Engineer	\$55
CAD Designer	\$55
CAD Operator	\$40
Project Administrator	\$45
Air Quality Manager	\$85
Environmental Manager	\$80
Biologist	\$70
Cultural Resource Specialist	\$50
Air Quality Technician	\$70

DISCLOSURE OF OWNERSHIP/PRINCIPALS

Business Entity Type (Please select one)						
<input type="checkbox"/> Sole Proprietorship	<input type="checkbox"/> Partnership	<input type="checkbox"/> Limited Liability Company	<input checked="" type="checkbox"/> Corporation	<input type="checkbox"/> Trust	<input type="checkbox"/> Non-Profit Organization	<input type="checkbox"/> Other
Business Designation Group (Please select all that apply)						
<input type="checkbox"/> MBE	<input type="checkbox"/> WBE	<input type="checkbox"/> SBE	<input type="checkbox"/> PBE	<input type="checkbox"/> VET	<input type="checkbox"/> DVET	<input type="checkbox"/> ESB
Minority Business Enterprise	Women-Owned Business Enterprise	Small Business Enterprise	Physically Challenged Business Enterprise	Veteran Owned Business	Disabled Veteran Owned Business	Emerging Small Business
Number of Clark County Nevada Residents Employed: 51						
Corporate/Business Entity Name: WSP USA INC.						
(Include d.b.a., if applicable)						
Street Address:		One Penn Plaza, 2nd Flr, 250 W. 34th Street		Website: www.wsp.com		
City, State and Zip Code:		New York, NY 10119		POC Name: Syndi Dudley Email: syndi.dudley@wsp.com		
Telephone No:		212-465-5000		Fax No:		
Nevada Local Street Address: (If different from above)		300 S. 4th St. Suite 1200		Website: WWW.WSP.COM		
City, State and Zip Code:		Las Vegas, NV 89101		Local Fax No: 725-724-4401		
Local Telephone No:		725-724-4400		Local POC Name: Syndi Dudley Email: Syndi.Dudley@wsp.com		

All entities, with the exception of publicly-traded and non-profit organizations, must list the names of individuals holding more than five percent (5%) ownership or financial interest in the business entity appearing before the Board.

Publicly-traded entities and non-profit organizations shall list all Corporate Officers and Directors in lieu of disclosing the names of individuals with ownership or financial interest. The disclosure requirement, as applied to land-use applications, extends to the applicant and the landowner(s).


Entities include all business associations organized under or governed by Title 7 of the Nevada Revised Statutes, including but not limited to private corporations, close corporations, foreign corporations, limited liability companies, partnerships, limited partnerships, and professional corporations.

Full Name	Title	% Owned (Not required for Publicly Traded Corporations/Non-profit organizations)
Parsons Brinkerhoff Holdings Inc.		100%

This section is not required for publicly-traded corporations. Are you a publicly-traded corporation? Yes No

- Are any individual members, partners, owners or principals, involved in the business entity, a Clark County, Department of Aviation, Clark County Detention Center or Clark County Water Reclamation District full-time employee(s), or appointed/elected official(s)?
 Yes No (If yes, please note that County employee(s), or appointed/elected official(s) may not perform any work on professional service contracts, or other contracts, which are not subject to competitive bid.)
- Do any individual members, partners, owners or principals have a spouse, registered domestic partner, child, parent, in-law or brother/sister, half-brother/half-sister, grandchild, grandparent, related to a Clark County, Department of Aviation, Clark County Detention Center or Clark County Water Reclamation District full-time employee(s), or appointed/elected official(s)?
 Yes No (If yes, please complete the Disclosure of Relationship form on Page 2. If no, please print N/A on Page 2.)

I certify under penalty of perjury, that all of the information provided herein is current, complete, and accurate. I also understand that the Board will not take action on land-use approvals, contract approvals, land sales, leases or exchanges without the completed disclosure form.

	Syndi Dudley
Signature	Print Name
Sr. Vice President, Local Business Leader	5/11/23
Title	Date

DISCLOSURE OF RELATIONSHIP

List any disclosures below:
(Mark N/A, if not applicable.)

NAME OF BUSINESS OWNER/PRINCIPAL	NAME OF COUNTY* EMPLOYEE/OFFICIAL AND JOB TITLE	RELATIONSHIP TO COUNTY* EMPLOYEE/OFFICIAL	COUNTY* EMPLOYEE'S/OFFICIAL'S DEPARTMENT
N/A			

* County employee means Clark County, Department of Aviation, Clark County Detention Center or Clark County Water Reclamation District.

"Consanguinity" is a relationship by blood. "Affinity" is a relationship by marriage.

"To the second degree of consanguinity" applies to the candidate's first and second degree of blood relatives as follows:

- Spouse – Registered Domestic Partners – Children – Parents – In-laws (first degree)
- Brothers/Sisters – Half-Brothers/Half-Sisters – Grandchildren – Grandparents – In-laws (second degree)

For County Use Only:

If any Disclosure of Relationship is noted above, please complete the following:

- Yes No Is the County employee(s) noted above involved in the contracting/selection process for this particular agenda item?
- Yes No Is the County employee(s) noted above involved in any way with the business in performance of the contract?

Notes/Comments:

Signature

Print Name
Authorized Department Representative