

**SUPPLEMENT NO. 1 TO THE PROFESSIONAL ENGINEERING SERVICES  
CONTRACT FOR THE INTERSTATE 215 AND AIRPORT CONNECTOR  
INTERCHANGE PHASE 3 PROJECT**

**THIS SUPPLEMENTAL CONTRACT**, made and entered into this 6<sup>th</sup> day of July, 2021, 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 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 89106 (702) 455-6020	Syndi Dudley, P.E. Senior Director, Local Business Leader WSP USA, Inc. 300 S. 4 <sup>th</sup> Street, Suite 1200 Las Vegas, Nevada 89101 (725) 724-4400

**W I T N E S S E T H**

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

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

**WHEREAS**, this Supplemental No. 1 increases funding by \$647,304.00 bringing the total contract amount to \$1,960,901.00.

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

**ARTICLE I: DEFINITIONS**

**Revise the following definition:**

"Direct Salary" is defined as the actual base rate of pay on an hourly basis of the ENGINEER's employees whose time will be directly chargeable to the Contract. The maximum base pay to be used by the ENGINEER under this Contract are those specified in Exhibit "A" of the May 7, 2019 Contract for services performed prior to the date of approval of this Supplemental No. 1.

For services performed after the date that this Supplemental No. 1 is approved by the Board of County Commissioners, the maximum base pay to be used by the ENGINEER shall be in accordance with Exhibit “AA” attached hereto and made a part hereof by this reference.

## **ARTICLE II: SCOPE OF SERVICES**

### **2.02 Basic Engineering Services**

#### **Add the following to this Section:**

**X. Dedicated 5<sup>th</sup> Lane to Separate Road Users Going to the Airport from Those Exiting at Sunset Rd:** COUNTY requested the ENGINEER pursue the option of adding a fifth dedicated lane for the ramp “ES” users exiting to Sunset Road, which was not part of the original Contract. This option would eliminate any last minute merging of the ramp “ES” traffic onto the Airport Connector mainline as proposed in the preliminary design. Adding the fifth lane results in the roadway width widening to the east, closer to the existing bridge abutments and retaining walls and extending the proposed retaining wall limits. The additional work included, but was not limited to, revising the geometry to include the fifth lane, design of top-down construction retaining wall, coordination and meetings with geotechnical sub-consultant, preparation of retaining wall plans and details, retaining wall type, size and location study, special detailing for sign structures, additional UPRR coordination and submittals; and preparation of a design exception memorandum. It was determined after the 90% plan review that adding the 5<sup>th</sup> lane was creating constructability and right-of-way issues. Due to the cost associated with these issues it was determined at the 90% design level, to return to the original design plan as set forth in the original Contract with four lanes on the northbound connector.

**Y. Revise Geometry on NB Airport Connector to 4 Lanes and Resubmit 90%:** Revise the geometry back to show 4 lanes along the NB Airport Connector with the “ES” ramp merge into the outside lane on the Airport Connector. At the Sunset Road exit, the 4 lanes split into 2 through lanes to the Airport tunnel, one option lane that can go to either the Airport or exit to Sunset Road, and an exit-only lane to Sunset Road. The revised geometry meets the standard lane widths and shoulder widths, except at a few locations where the shoulder widths will deviate from the standard widths, so a revised design exception memorandum is required.

Revise the geometry to eliminate the Sunset Road exclusive 5<sup>th</sup> lane and merge the “ES” ramp traffic onto Airport Connector mainline after the Pilot Road bridge. Also, eliminate the barrier rail separation between 2<sup>nd</sup> and 3<sup>rd</sup> lanes of Airport Connector and revise the lane widths from 11-foot to 12-foot lanes with typical 4-foot left and 8-foot right shoulders. This also includes revising the geometry at “AC”/“WN”, “AC”/“ES”, 3d model, drainage report and revise design exception memorandum.

- Z. Retaining Wall “RW 219”:** At the 90% design level it was identified that the Sunset off-ramp needs a retaining wall of about 100-feet in length adjacent to the existing Sunset road bridge abutment and wing wall. The additional work includes design, details and additional sheets to include retaining wall plan and profile, detail sheets, quantities and specifications.
- AA. Weaving Analysis and Bus Stop Relocation:** Develop and analyze two alternatives that increase the weaving distances between the gores and improve the level of service of the weaving section. Develop three exhibits showing alternative bus stop locations for the Regional Transportation Commission of Southern Nevada’s (RTC) and attend meetings with RTC and COUNTY to discuss each alternative. Revise the 90% plans to show the preferred location.
- BB. Bermuda Road/Arby Avenue Intersection Regarding:** Remove the valley gutters on east-west and north-south legs of the Bermuda Rd and Arby Ave intersection. Regrade the intersection to remove the dips. The work will include pavement replacement, curb gutter and sidewalk improvements, replacement of Americans with Disabilities Act (ADA) ramps, and reconstruction of the existing drop inlets at the northwest and northeast corners of the intersection. Research utilities in the area and coordinate with utility companies.
- CC. Convert High Mast Lights to LED lights:** Perform a lighting design and lighting plans to convert the fixtures on 14 high mast lights within the project limits to LED. The underdeck lighting at the bridges within the project limits (Pilot Road, UPRR, Grier Ave., and Sunset Rd.) will also be converted to LED fixtures and the two sign structures being relocated as part of the project will be upgraded to face-up LED lighting.
- DD. Sunset Road/Paradise Road Intersection Geometry Changes:** Provide alternative layouts that will result in additional vehicle storage capacity and better accommodate trucks turning movements. Update the plans and specials to include this additional work.
- EE. Pavement Rehabilitation Design for NDOT:** Update the plans and specials to include pavement rehabilitation design within the Project limits. This additional work was requested by NDOT and will be reimbursed by NDOT.
- FF. Adopt NDOT 2020 Standard Drawings:** The plans were designed using the previous NDOT standards, this work will include revisions to the construction plans, typical sections, and detail sheets.
- GG. Project Management and QA/QC for the Additional Scope of Work:** Additional Project management, meetings, subcontractor coordination, project administration, quality control, and quality assurance efforts for the additional scope of work described herein.

**HH. Signing and Striping Clean up on Bermuda Road:** Update signage and striping on Bermuda Road between Warm Spring Road and George Crockett Road to eliminate unnecessary signage, install needed signage, and remove and replace erroneous striping.

**II. Sunset Road Off-ramp Lighting:** Work will include designing off-ramp lighting that will light the ramp area but will not spill over onto the McCarran Airport runways.

**JJ. Additional Geotechnical Services:** Perform additional geotechnical exploration to support the design work on the retaining walls required to accommodate the 5<sup>th</sup> lane option the COUNTY was pursuing up to the 90% design level.

**KK. 2021 Environmental Re-Evaluation:** Work includes an environmental re-evaluation to the original Categorical Exclusion issued by the FHWA in 2005. The re-evaluation will include the following work:

1. Update the Traffic Forecasts – Use RTC’s 2040 TransCad to evaluate and compare build and no-build alternatives. Check and then run the existing model with and without the proposed project improvements. Perform a level of service analysis based on the changes in configuration and number of lanes to show the expected operational improvements. Perform peak hour counts at two intersections (Warm Springs Road and Sunset Road). Prepare a report of findings.
2. Update the Air Quality Technical Memorandum – The Air Quality Technical Memorandum will include results of a carbon monoxide (CO) screen and analysis and evaluation of potential particulate matter (PM10) impacts using a mesoscale (regional) analysis using the EPA’s MOVES2014b emissions model.
3. Review of Other Environmental Resources – Additional resource categories include land use, noise, hazardous materials, ecological resources, historic resources, and water resources.
4. Prepare the Final Report – Review the original Categorical Exclusion issued in 2005 as well as the first re-evaluation completed in 2010 against the current conditions, gathered as described above. Prepare a draft report for review and comment. This item anticipates two 2 rounds of review comments and responses before the report is finalized.
5. Coordination with NDOT and FHWA - includes a meeting to discuss the scope of the re-evaluation and ongoing coordination regarding the environmental re-evaluation.

## **ARTICLE V: PAYMENT FOR SERVICES**

### **5.01 Maximum Amount Payable**

**Delete the first paragraph of this section and replace this 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 Eight Hundred Forty Four Thousand Five Hundred Sixty-Eight and 00/100 Dollars (\$1,844,568.00) for the Basic Service fees, and One Hundred Sixteen Thousand Three Hundred Thirty-Three and 00/100 Dollars (\$116,333.00) for 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 .....	\$1,844,568.00
Special Services 2.03 .....	\$116,333.00
Grand Total Basic and Special Services .....	\$1,960,901.00

The remainder of this Professional Engineering Service Contract dated May 7, 2019 remains unchanged.

**IN WITNESS WHEREOF**, the parties have executed this Supplemental No. 1 Contract as of the date herein above set forth.

CLARK COUNTY, NEVADA

WSP USA, INC

\_\_\_\_\_  
Randall J. Tarr  
Assistant County Manager

\_\_\_\_\_  
*Syndi Dudley*  
Syndi Dudley, PE  
Senior Director, Local Business Leader

APPROVED AS TO FORM:

\_\_\_\_\_  
*Laura C. Rehfeldt*  
Laura C. Rehfeldt  
Deputy District Attorney

**EXHIBIT “AA”**  
**MAXIMUM DIRECT SALARY OF THE  
ENGINEER’S EMPLOYEES STANDARD RATES**

CLASSIFICATION	DIRECT SALARY (Not to Exceed)  (Standard Rates)
Principal/Associate	\$130.00
Project Manager	\$100.00
Senior Supv. Engineer	\$90.00
Senior Engineer	\$80.00
Lead Engineer	\$70.00
Engineer	\$60.00
Assistant Engineer	\$50.00
CAD Designer	\$55.00
CAD Operator	\$40.00
Project Administrator	\$40.00
Air Quality Manager	\$75.00
Environmental Manager	\$60.00
Biologist	\$70.00
Cultural Resource Specialist	\$45.00
Air Quality Technician	\$60.00

## DISCLOSURE OF OWNERSHIP/PRINCIPALS

<b>Business Entity Type (Please select one)</b>						
<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
<b>Business Designation Group (Please select all that apply)</b>						
<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
<b>Number of Clark County Nevada Residents Employed:</b>				50		
<b>Corporate/Business Entity Name:</b> WSP USA INC.						
<b>(Include d.b.a., if applicable)</b>						
<b>Street Address:</b>		One Penn Plaza, 2nd Flr, 250 W. 34th Street		<b>Website:</b> www.wsp.com		
<b>City, State and Zip Code:</b>		New York, NY 10119		<b>POC Name:</b> Syndi Dudley <b>Email:</b> syndi.dudley@wsp.com		
<b>Telephone No:</b>		212-465-5000		<b>Fax No:</b>		
<b>Nevada Local Street Address:</b> <b>(If different from above)</b>		300 S. 4th St. Suite 1200		<b>Website:</b> www.wsp.com		
<b>City, State and Zip Code:</b>		Las Vegas, NV 89101		<b>Local Fax No:</b> 725-724-4401		
<b>Local Telephone No:</b>		725-724-4400		<b>Local POC Name:</b> Syndi Dudley <b>Email:</b> 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).

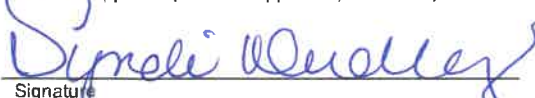
**Entities** include all business associations organized under or governed by Title 7 of the Nevada Revised Statutes, including but not limited to private corporations, close corporations, foreign corporations, limited liability companies, partnerships, limited partnerships, and professional corporations.

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.

 Signature	Syndi Dudley Print Name
Senior Director, Local Business Leader Title	6/7/21 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)

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**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