



July 24, 2019

**2020-02 PWP-WA-2019-279**  
**Reno Sparks Livestock Events Center**  
**Pavement Rehabilitation Project**  
**1350 North Wells Ave.**  
**Reno, Nevada 89512**

### **ADDENDUM NO.1**

This Addendum forms a part of the Contract Documents and modifies the original Bidding Specification, drawings and details dated May 3, 2019, as described below. Bidder shall acknowledge receipt of this Addendum where corresponding information is requested on the Bid Form. Failure to make such acknowledgment may subject the Bidder to disqualification.

This Addendum consists of one page and the following attached documents:

1. Pre-Bid Meeting Minutes dated July 24, 2019.
2. Pre-Bid Meeting Questions and Answers.

**Item No. 1:** The Pre-bid Meeting Minutes, dated July 24, 2019, are hereby incorporated into the project requirements.

**Item No. 2:** Pre-Bid Meeting Questions and Answers, are hereby incorporated into the project requirements.

- End of Addendum No. 1 -  
**APPLICABLE TO THE PROJECT MANUAL:**

**ITEM NO.1**

**Reno-Sparks Livestock Events Center 1350  
North Wells Avenue  
Reno, NV 89512**

**2020-02 PWP-WA-2019-279 PAVEMENT  
REHABILITATION PROJECT PRE-BID MEETING  
MINUTES**

**Bidding Requirements**

1. Bid 2020-02 PWP-WA-2019-279
2. Submission Date, Time, Location: Tuesday, August 13, 2019, at 2:00 pm 4001 S Virginia Street, Suite G, behind the Reno Town Mall
3. Performance Bond: 100 Percent of the project Bid
4. Current Nevada Contractors License
5. Base Bid: Perform all work per specifications

**General questions shall be addressed to the Project Manager of Reno-Sparks Convention & Visitors Authority, Jose Martinez at 775.827.7768 or via email at [jmartinez@renotahoueu.com](mailto:jmartinez@renotahoueu.com).**

## **GENERAL REQUIREMENTS:**

All work shall be done in accordance with these plans and specifications prepared by Benchmark, Inc., dated May 3, 2019.

The Contractor shall furnish all labor, materials, tools, equipment, supplies, barricading, permits (including applicable costs), protection of public and private utilities, and all other items necessary for the proposed project.

**IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL NECESSARY PERMIT(S) FROM THE APPROPRIATE AGENCY(S) TO COMPLETE THIS PROJECT. THE COST OF THE PERMIT(S) WILL BE CONSIDERED INCIDENTAL TO THE PROJECT.**

The Contractor's placement of aggregate base and/or pavement (asphalt or concrete) indicates acceptance of the subgrade. All specified thicknesses shall be minimum compacted thicknesses. All specified application rates are residual.

### **Code Compliance**

Contractor shall follow all local, state and federal codes and regulations. All work shall be performed in strict accordance with the State of Nevada - Department of Transportation (DOT) - Standard Specifications latest edition and supplementals.

### **Safety Requirements**

Job site safety is the sole responsibility of the Contractor. Contractor is required by law to comply with all OSHA (Occupational Safety and Health Administration) laws and regulations. Traffic control measures are to comply with MUTCD (Manual of Uniform Traffic Control Devices) latest standards at a minimum as well as those identified in Section 0.11 of these specifications.

The Contractor is required to have and implement their own safety plan. The Owner or Owner's Representative may request written safety procedures or a manual at the preconstruction meeting along with a schedule of the on-site safety meetings and the Contractor's safety director contact information. Any specific additional safety requirements for the facility will be reviewed at the preconstruction meeting.

The Contractor shall have, on-site, all product MSDS (Material Safety Data Sheets) and comply with the safe handling and use of these materials. MSDS will be made available to emergency personnel as needed.

## **Site Conditions**

The Contractor will have examined the site prior to bidding and gained full knowledge of existing conditions and proposed repair/rehabilitation work that is to be executed.

## **Protection & Adjustment of Frames, Grates, Valve Boxes, Etc.**

It shall be the Contractor's responsibility to protect all surface structures, such as catch basin frames and grates, manhole frames and covers, valve boxes, etc. from damage resulting by construction operations. It shall be the responsibility of the Contractor to make the final height adjustment of all inlets and all other structures within paved sections. It is imperative that the final surface has a smooth, gentle transition over the structure.

## **Communications**

This work includes many areas within the site facilities. Construction activities may need to be scheduled accordingly to maintain operational activities at the site. Close coordination of all construction activities will be required on a daily basis. A contact list (phone numbers and email addresses) will be distributed along with procedural guidelines to the successful Contractor prior to work commencing. Email communications are the preferred form of all communications for this work.

This Contractor will be expected to have one (1) designated project manager, who will be responsible for all project related issues and communications. This project manager will be available throughout the duration of the project.

## **Weekly Schedule Updates**

As part of the requirements of this project, the Contractor will submit the attached project/progress schedule for all the proposed work. Updated project/ progress schedules will be given to the Owner's Representative for review by every Thursday at 5:00 p.m. for the proposed following week of work. Weekly or bi-weekly meetings, to discuss project related issues, will occur throughout the duration of the project at the discretion of the Owner's Representative.

## **Portable Lighting**

The Owner will make arrangements for the existing site lighting to remain on for any night time work activities. Any additional lighting required for construction activity is to be provided by the Contractor, as necessary, for night time construction.

When temporary portable light towers are necessary, these shall be a minimum 30' height and 4 light, 4,000 watt illumination, are to be placed and maintained, as needed.

### **Portable Restroom Facilities**

The Contractor is required to provide and maintain adequate, portable, chemical restroom facilities during construction activities, as needed. Existing property restrooms shall not be used by construction personnel. Location shall be determined during the preconstruction meeting.

### **Water Supply**

The Contractor is required to provide water for use during construction activities through municipal meter or water truck. Use of Property water bibs will only be allowed for use through prior authorization by the property Owner, during the preconstruction meeting.

### **Warranty**

Upon project completion and prior to the release of final payment, the Contractor, shall execute a one (1) year warranty from the date of substantial completion for materials and workmanship. This warranty will supersede any subcontractor, installer, material/product manufacturer/supplier warranty of less than one (1) year.

## **SCHEDULE AND COORDINATION**

The Contractor shall perform the work as specified in these documents.

It is imperative that the work under this project be pursued to completion in a timely and diligent manner with minimal disruption to the site access and operations of the facility. A proposed construction schedule shall be submitted to the Owner's Representative for approval after award of the Contract.

Construction work must be performed at times that comply with all local municipal noise ordinances.

Night work/weekend work shall be considered optional and must be scheduled based on applicable noise ordinances.

## **TRAFFIC CONTROL INSTALLATION**

The Contractor shall, at all times, provide traffic control for both vehicular and pedestrian traffic in the proposed work zone to prevent accidents from occurring and the tracking of the tack coat or other materials. Traffic Control shall be in the form of directional and informational signage, barricading, caution tape, traffic safety cones,

temporary striping, pedestrian fence (orange safety fence), etc. to provide adequate directional routing of vehicles and pedestrians through or around the construction activities. Barricades shall have operational flashing lights and construction rope or caution tape between them. Flagperson(s) will be required where vehicles or pedestrians are traveling through construction activities.

All traffic control is to meet the minimum requirements of the Manual on Uniform Traffic Control Devices (MUTCD) and standard Department of Transportation (DOT) specifications, where applicable.

The Contractor will provide reasonable access through the construction zone. This may require temporary ramping, as necessary, at phase limits, driveways or sidewalks. Access for emergency vehicles will be maintained at all times.

No areas under construction shall be open to pedestrian and/or vehicular traffic without proper safety measures implemented and approved.

Special traffic control items that the Contractor will address, during the construction of this project, are as follows.

**Barricade Installation** – Contractor will supply lighted barricades and channelizer cones at construction and phase limits.

Maintenance of traffic control items will be the responsibility of the Contractor throughout the time of construction on a 24 hour/7 day per week basis.

**A proposed traffic control plan shall be submitted and approved, prior to work starting on this project.** Proper and sufficient barricading and traffic control shall be the sole responsibility of the Contractor. The Contractor shall place and maintain traffic control at all areas affected by the construction activities and/or closed to traffic. Maintaining of the barricades over the weekend is the responsibility of the Contractor. The Owner places a high value on the convenience and safety of the employees and visitors of the facility.

Payment for this item of work shall be made at the contract unit price. Traffic Control Installation, as verified by the Owner's Representative in the field.

## **PAVEMENT MARKING APPLICATION**

This item is for the restriping of all areas on the plan that are not being patched. The striping of the patched areas is incidental to the patching items.

The work under this section includes the verification and documentation of all the existing pavement markings, remarking of all pavement markings within the pavement areas or installation of new or revised pavement markings as outlined on the plan and in the specifications. This work will include parking stall lines; numbering; lettering; roadway center lines or lanes; stop bars; cross-walks; directional arrows; accessible parking symbols and routes; or other existing markings that are in the area designated.

**The Contractor shall verify all existing markings prior to the preconstruction**

**meeting.** All pavement markings shall be re-established per the existing layout, width, and color unless otherwise noted on the plan. At the preconstruction meeting the Contractor will supply, for the Owner's Representative's review, a plan documenting the dimensions and colors of the existing pavement markings. The Contractor will also notify the Owner's Representative of any recommended improvements of the existing layout at the preconstruction meeting. Remarketing of the pavement must be done in compliance with all applicable local codes and ADA requirements. Pavement markings will be required for restoration patch areas and shall extend into the existing markings to the nearest match point.

The paint used shall be a highway marking paint conforming to AASHTO M248 Ready- Mixed White and Yellow Traffic Paint, Type F. Volatile Organic Compound (VOC) levels shall comply with the most current EPA regulations. Material Safety Data Sheet(s) and manufacturer's recommended application instruction sheet(s), representing each paint type shall be supplied to the Owner's Representative upon request.

The Contractor shall be responsible for all layouts to establish the required pavement markings. Paint application shall produce an average wet film thickness of 0.38mm (15 mils or 0.015 inches) with uniform and straight edges. Where required, blue paint shall be used for accessible markings. All markings are to be non-reflectORIZED, unless otherwise noted.

The Contractor will be responsible for removing any existing dirt or debris from areas to be remarked. Paint will not be applied if the pavement is not clean and dry. Application will only take place under conditions and in accordance with the manufacturer's recommendations. If new pavement requires a curing period, Contractor will place temporary markings prior to opening to traffic. Markings will be barricaded from traffic and protected until dry.

Payment for this work shall be made at the contract unit price for 1.11 Pavement Marking Application, as verified by the Owner's Representative in the field.

### **Review of Work**

#### **ASPHALT PAVEMENT REPAIR (1-1/2" Skin Patch)**

Work under this item shall consist of constructing 1-1/2" layer of asphalt in areas indicated on the plan.

All areas shall be thoroughly cleaned and receive a tack coat. The perimeter of the repair areas shall be milled to create a butt joint per the detail. Installation shall be machine laid and compacted. Asphalt surface course shall be 9.5mm material or as approved by the Owner's Representative.

Pavement remarketing of the patched areas is to be considered incidental to this item and completed in accordance with the pavement marking specification.

Payment for this item of work shall be made at the contract unit price for the completed quantity of 2.34b Asphalt Pavement Repair (Skin), as verified by the Owner's Representative in the field.

### **ASPHALT JOINT/CRACK REPAIR (2' Width)**

This item consists of milling the larger joints and cracks a minimum of 20" (twenty-inches) wide by 1-1/2" deep including clean-up and replacing asphalt in one lift. Tack shall be placed on any milled vertical edges.

Pavement remarking of the patched areas is to be considered incidental to this item and completed in accordance with the pavement marking specification.

Payment for this item of work shall be made at the contract unit price for the completed quantity of 2.34c Asphalt Pavement Repair (Joint), as verified by the Owner's Representative in the field.

### **ASPHALT PAVEMENT RESTORATION - 3" Depth**

The proposed pavement restoration shall consist of removing the failed pavement and replacing it with asphalt binder and surface material as indicated on the plan and as directed by the Owner's Representative.

These items include the removal of all deteriorated and damaged pavement within the repair areas, the restoration of the sub-base, and the placement of asphalt binder and surface material in accordance with the following procedures:

1. The repair area limits will be defined by the Owner's Representative. The Contractor shall string line and paint out the perimeter edges of the patch area.
2. Sawcut (wet), wheel cut, or mill the perimeter of the pavement repairs. The cut should extend to the minimum depth required, enabling the Contractor to remove the existing failed pavement, leaving a neat, straight, vertical edge.
3. The existing pavement section shall be excavated to the depth(s) as indicated from the top of the existing pavement and removed from the site. The Contractor shall use excavating equipment, which will not damage the existing adjacent pavement while performing this work.
4. In areas where the aggregate base is exposed, the base course shall be properly graded and compacted. In areas where existing asphalt still remains, the Contractor shall broom, clean and add tack, prior to asphalt installation. Areas over excavated are to be brought up to grade with stone base or asphalt at the Contractor's expense. Unsuitable subgrade materials are to be undercut and paid for under the stone undercut item.
5. The repair area shall be paved with bituminous binder material meeting all the material requirements that follow. Lift thickness greater than three inch (3") compacted thickness is to be approved by the Owner's Representative. A fog coat of emulsified asphalt shall be applied between the layers. A tack coat shall also be applied to all vertical edges. The surface mixture shall be placed with a minimum compacted thickness of 1-1/2" inches for 3" areas.



6. Pavement remarking of the patched areas is to be done incidental to this item in accordance with the pavement marking specification.

Payment for this item of work shall be made at the contract unit price for the completed quantity of 2.41 Asphalt Pavement Restoration, as verified by the Owner's Representative in the field.

## **CURB/SHOULDERING**

### **CONCRETE VALLEY GUTTER RESTORATION - 36" Wide**

This item of work shall include the restoration (removal and replacement) of the concrete curb/gutter (collectively "curb") at locations as indicated on the plan and per the plan details.

#### **Material Requirements/Submittals:**

Reference specification section Concrete Material – Quality Control / Quality Assurance requirements for both materials, installation and QC/QA requirements.

#### **Installation Requirements:**

All traffic control necessary for removal and installation of the new pavement is the responsibility of the Contractor. Facility access must be maintained during all hours of operation and coordinated in advance with the owner's representative.

Special precautions shall be taken to perform this work under conditions that are conducive to this type of maintenance work. No work should be performed if the presence of moisture exists, which would affect future performance of the completed work. Ambient temperature shall be 40° F and rising prior to placement.

These items include the removal of all deteriorated and damaged curb within the repair areas and the placement of reinforcement and concrete material in accordance with the following procedures:

1. Contractor shall string line and paint out the perimeter repair area edges.
2. Sawcut (wet) the perimeter of the pavement repairs. The cut should extend to the minimum depth required, enabling the Contractor to remove the existing failed pavement, leaving a neat, straight, vertical edge. The saw-cut edges shall be straight, clean and free of spalling.
3. The existing pavement, base and substrate material shall be excavated to the proper minimum depth(s) as indicated from the top of the existing pavement and removed from the site. The Contractor shall use excavating equipment, which will not damage the existing adjacent pavement while performing this work. Any damage to existing irrigation or other utilities is to be repaired at no cost to the Owner.
4. Substrate material shall be properly graded and compacted for adequate support and depth of new repair. Install stone base material to the required depth and mechanically compact. Stone base is to be provided for any adjustments to meet proposed curb elevations. Any unsuitable subgrade

materials are to be undercut and paid for under the stone undercut item upon approval from the owner's representative.

5. The Contractor will be responsible for all staking to provide proper horizontal and vertical alignment and all necessary grading and installation of the proposed curb. The new concrete curb shall match and tie into the existing concrete curb with #4 rebar at locations throughout the curb section per the plan details.
6. The repair area shall be formed and reinforcement installed per the plan detail utilizing continuous epoxy coated #4 rebar placed at 1/2 total depth. Rebar shall be supported by chairs or rebar stakes at locations per the plan details. Valley Gutter 36" or wider shall also have Welded Wire Mesh placed at 1/2 total depth.
7. All concrete material shall be installed per tolerances, slope and other QC/QA requirements that follow. Surface shall maintain positive drainage and smooth transitions from and onto all surrounding pavements or curbs. The concrete shall be smooth, even, consistent (free of segregation), uniform in appearance, free of irregular, rough or porous areas and with properly matched and tight joints. In areas of ADA, slope compliance shall be maintained to within maximum thresholds. The finished pavement shall have a light broom finish, or a uniform surface texture similar to the surrounding pavements.
8. Finished (non-colored) concrete shall be sprayed with a white pigmented curing compound meeting ASTM C309 and AASHTO M148 - Type II, Class A or B. Application rate is to be a minimum of 200 square feet per gallon. Curing compound application shall take place after final finishing of the concrete surface.
9. All joints shall be sawed unless matching existing tooled joints adjacent to the new curb. Joint spacing shall be a minimum of 10' and match existing joint spacing or that of the adjacent sidewalk whenever possible. Sawed control and expansion joints shall be sealed with a silicone sealant. The sealant shall be placed to reasonably close conformity with dimensions shown on the plans. Joint sealing shall comply with all requirements included in section 2.52.
10. The perimeter area is to be restored to an "in kind" condition. The Contractor shall perform any pavement patching, pavement marking and other items necessary. This work is considered incidental to this bid item; unless, otherwise identified. The Contractor shall be responsible for the protection of the concrete until it is open to foot or vehicle traffic.

Payment for this work shall be made at the contract unit price for the completed quantity of 3.50e Concrete Valley Gutter Restoration, as verified by the Owner's Representative in the field.

### RESTORATION AND CLEANUP.

Any damaged landscaping, irrigation or other utilities that occurred during construction are to be repaired at no cost to the Owner.

After completion of work, remove all excess material, trash and debris resulting from construction activity. Sweep the existing pavement areas surrounding the construction area to remove any tracked dirt or debris. High capacity sweeper trucks equipped with vacuums shall be used in lieu of brooms. Check all surrounding perimeter surfaces (buildings, curbs, planters, etc.) for tack coat/asphalt overspray and power wash until clean.

Contractor shall be responsible for returning all cart corrals to their prior location and shall prepare a dot-the-lot map of the existing locations for use in restoring cart corrals and pavement markings.

### PROTECTION.

Prohibit traffic, both pedestrian and vehicular, from freshly placed concrete for a period of no less than 72 hours and until it has reached adequate strength for anticipated traffic loads and/or the curing compound and/or the sealant has cured sufficiently so no tracking occurs.













### **Walk Site**

Review North Parking lot area where work will be performed.

### **Attendees:**

See Pre-Bid Sign in Sheet

**Reno-Sparks Convention and Visitors Authority**  
**Pre-Bid Sign In Sheet**  
**RFP # 2020-02 PWP-WA-2019-279**

#	COMPANY NAME	Name	SIGNATURE	TELEPHONE NUMBER	EMAIL ADDRESS
1	RSCVA	Jose Martinez		(775) 827-7768	jmartinez@renotahoehouse.com
2	RSCVA	Trent LaFerriere		775-827-7709	tlafferriere@renotahoehouse.com
3	RSCVA	Jose Chavez		775-827-7768	jchavez@renotahoehouse.com
4	Alk	Jake Melvin		775-433-4158	Jmelvin@Alkearthmovers.com
5	West Coast Paving	Eric Kendall		775-800-3871	EKendall@westcoastpaving.net
6	West Coast Paving	Sean Sealey		775-691-0635	Ssealey@westcoastpaving.net
7	SNC	MIKE ROONEY		775-335-0420	bids@snc.biz
8	Granite	Kate Schnoor		775-291-1598	Kate.Schnoor@qinc.com
9	Granite	Terry Willsey		775-352-1942	Terry.Willsey@GCIInc.com
10	Amac Construction	Mike Ohry		775-790-5392	Mike@Amacconstruction.com
11	<del>Aspinwall Proctors</del>	Todd Faulkner		575-338-7575	TODD@APRENLO.COM
12	Spanish Springs	MIKE DOUGLAD		775-425-4423	MIKED@SSC.EMAIL
13	QSD Construction	Cory Compair		775-857-8227	ccompair@qsdconstruction.com
14					
15					
16					
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18					

**Item No. 2**

**RLEC Pavement Rehabilitation Pre-Bid Meeting Questions and Answers**

1. What type of oil does Benchmark want the contractors to use in the pavement?
  - a. On page TS-14 of TS-19 see under mix design Material Requirements: Superpave (per Asphalt Institute, SP-2).
2. Why is 2.34c not included on the details page of the prints made by Benchmark?
  - a. We did not feel a detail was required for this scope of work. It is described in detail on page TS-10 of TS-19 under that item of work.
3. Can you please provide description of work for bid item #002 under North Parking Lot – Stone Undercut (1-1/4”). There is no description of work shown on the plans.
  - a. This item of work was not described in the specifications, and below is the written spec to be added to the Addendum. This item of work is only meant for areas of 2.41 Asphalt Pavement Restoration- 3” Depth. If the contractor encounters unstable material under the asphalt that is removed, this item would be used to remove the unstable material and replace with an aggregate base course prior to installing the asphalt repair area.

**0.70 STONE UNDERCUT (1-1/4”)**

This item shall include the removal and disposal of unsuitable material which is excavated below subgrade (EBS). Work shall include the excavation and disposal of existing material, furnishing and installing the replacement material, and proper compaction with fine grading. This item is not intended for areas that become unstable because of the Contractor’s inability to place pavement in a timely manner.

Replacement shall be with a well-graded Crushed Aggregate Base Course (CABC) or Graded Aggregate Base (GAB) meeting the following gradation:

Sieve Size	Percent Passing 1-1/4” Minus
3” (75mm)	-
1-1/2”(37.5mm)	100
1-1/4”	95 to 100
1” (25mm)	-
3/4” (19mm)	70 to 93
3/8”	42 to 80
No. 4	25 to 63
No. 10	16 to 48

No. 40  
No. 200

8 to 28  
2 to 12

Alternate gradations must meet Standard Specification requirement and be approved by the Consultant. Alternate materials, such as recycled concrete or asphalt, may be considered and negotiated for use after award of the project.

The Contractor shall provide a fully loaded dump truck or water truck for proof rolling. The proof roll shall be conducted over the entire area or as agreed to with the Consultant. Unstable areas that cannot be reworked, recompacted or stabilized and for which alternate measures are not conducive or reasonable shall be undercut. When possible, slope bottom of excavation for drainage.

The Contractor shall fine grade and compact the crushed aggregate base course. Compaction shall be performed with a single drum vibratory compactor having a minimum operating static weight of 12,000 lb. and a minimum centrifugal force of 22,000 lb. In the event the material is deficient in moisture content for readily obtaining the necessary density, it shall be moistened to the degree necessary by means of approved equipment. The compaction operation shall continue until the Consultant observes no visible displacement of material laterally or longitudinally under the compaction or hauling equipment.

Payment for this item of work shall be made at the contract unit price for the completed quantity of 0.70 Stone Undercut (per ton of stone installed), as verified by the Consultant in the field.

**4. How much of the Lot will be re-stripped?**

- a. All of the area depicted on sheet P 1.

**5. Does the RSCVA want the entire lot to be slurry sealed?**

- a. No.

**End of Section**