



The Reno-Sparks Convention & Visitors Authority is soliciting a
Bid for
Reno-Sparks Livestock Events Center Pavement Repair Project

**Bid 2020-02
PWP-WA-2019-279**

*Released by Jose Martinez, Project Manager
(Tuesday July 16, 2019)*

The Point of Contact is Jose Martinez, Project Manager at (775) 827-7768, Fax
(775) 827-7701, or e-mail jmartinez@renotahoeusa.com.

All questions or additional information concerning the Bid document must be submitted to the point of contact. No communication to any other staff or Board Member of the Reno-Sparks Convention & Visitors Authority in regards to this Bid is allowed.

SUBMISSION DATE AND TIME: Tuesday, August 13, 2019 2:00 PM

Company Name: _____



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**PROPOSAL FORM
CONSTRUCTION SPECIFICATIONS**



I. INTRODUCTION

The Reno-Sparks Convention and Visitors Authority ("Authority") is currently accepting sealed responses from qualified Bidders (a "Bidder") for the provision of services, as set forth in this **Bid 2020-02 PWP-WA-2019-279**.

The Authority, an independent governmental entity, was established in February 1959 as the Washoe County Fair and Recreation Board. The Authority owns and/or operates the Reno-Sparks Convention Center, Reno Events Center, National Bowling Stadium and Reno-Sparks Livestock Events Center. The Authority is operating instrumentality in the Washoe County area for promoting conventions, tourism and outdoor recreation.

This bid is for the Pavement Repair Project at the Reno-Sparks Livestock Events Center.

II. SCHEDULE

Request for Proposals Available	Tuesday, July 16, 2019
Mandatory Pre-bid Meeting	Wednesday, July 24, 2019 10:00AM
Written Questions Due (if any)	Thursday, August 1, 2019 5:00 PM
Written Responses to Questions Issued	Monday, August 5, 2019
Bid Responses Due	Tuesday, August 13, 2019 2:00 PM
Bid Opening Time	Tuesday, August 13, 2019 2:10 PM

A Mandatory Pre-Bid meeting will occur on July 24, 2019, 10:00 AM, at the Reno-Sparks Livestock Events Center, Administrative Offices, 1350 North Wells Ave., Reno, Nevada.

Any irregularities or lack of clarity in this Bid should be brought to the attention of the Point of Contact prior to or on the date for Written Questions set forth in this Section for correction or clarification.

Any addenda to this Bid issued will forthwith become an integral part of this Bid. Bidder is required to acknowledge receipt of same by signing and returning the addenda in its response.



III. SUBMISSION OF RESPONSE

Bidder will submit its response to this Bid on the letterhead of its company, Bidder establishment, corporation, etc. attached to the original Bid 2020-02 PWP-WA-2019-279 document. Bidder will sign and return the ENTIRE BID DOCUMENT, together with any addenda.

Responses will be enclosed in a sealed envelope addressed to:

Reno-Sparks Convention and Visitors Authority
Finance Department
P.O. Box 837
Reno, NV 89504-0837

Or delivered to:

Reno-Sparks Convention and Visitors Authority
Finance Department (located at the Reno Town Mall)
4001 S. Virginia Street, Suite G
Reno, NV 89502

Response envelope must indicate name and address of Bidder, Bid number, and opening date.

In order for a response to be considered it will be mandatory that the response be in conformance with the terms and conditions of this Bid.



IV. BIDDER'S CHECKLIST

Bidders are instructed to complete and return the following items in order for their proposals to be complete. Failure to return all the items may result in your proposal being declared "non-responsive."

Bidder Information Requirements		Page	Completed
V.A.	Company Information	7	<input type="checkbox"/>
V.B.	Company Background	8	<input type="checkbox"/>
V.C.	Nevada Contractor License Information	9	<input type="checkbox"/>
V.D.	Business License Information	9	<input type="checkbox"/>
VI.	Subcontractors Exceeding 5% of Bid	10	<input type="checkbox"/>
VII.	Subcontractors Exceeding 1% of Bid	11	<input type="checkbox"/>
VIII.	Certification Regarding Debarment	12	<input type="checkbox"/>
IX.	Local Preference Affidavit	13	<input type="checkbox"/>
X.	Acknowledgment and Execution	14	<input type="checkbox"/>



V. PROPOSER INFORMATION

The following information must be completed, either typed or printed, and returned with the bid in accordance with the General Conditions contained herein.

A. Company Information

Company Name:
Contact Name:
Address:
City, State Zip Code:
Telephone Number:
Facsimile Number:
E-Mail:



B. Company Background

Has your company ever failed to complete any contracts awarded to it?
No___Yes___(If yes, please provide details.)

Has your company filed any arbitration request or law suits on contracts awarded within the last five years? No Yes (If yes, please provide details.)

Does your company now have any legal suits or arbitration claims pending or outstanding against it or any officers relating to the performance of a public contract?
No Yes (If yes, please provide details.)

Does your company now employ any officers or principals who were with another Bidder when that company failed to complete a contract within the last five years? No Yes (If yes, please provide details.)

Has your company had a contract partially or completely terminated for default (cause) within the past five years? No Yes (If yes, please provide details.)

Has your company been found non-responsible on a government bid within the last five years? No Yes (If yes, please provide details.)



C. Nevada Contractor License Information:

Prospective bidders will be required to have a current Contractor's License under the Nevada State Law for the type of work specified herein.

License Number:
Classification:
Limitation(s):
Date Issued:
Date of Expiration:
Name of Licensee:
City, State, Zip Code:
Telephone Number:

D. Business License Information:

City of Reno
License Number:
License Expiration:
Name of Licensee (if different):

Or

License will be obtained after award.



VI. SUBCONTRACTORS EXCEEDING 5% OF BID

Pursuant to NRS 338.141, the Bidder must submit the following names of First-Tier Subcontractors who will provide to Bidder labor or a portion of the work or improvements for which Subcontractor will be paid an amount exceeding five percent (5%) of the bid. The Bidder shall list the name of a Subcontractor for each portion of the Work, the value of which exceeds five percent (5%) of the Bid Price. If Bidder will perform more than 5% of the work, Bidder shall also list their name and description of the work that the prime contractor will perform in the space provided below. If, additional space is needed, attach a separate page.

Subcontractor Name	
Nevada License	Limit of License
Address	
Telephone	
Description of Work	
Subcontractor Name	
Nevada License	Limit of License
Address	
Telephone	
Description of Work	
Subcontractor Name	
Nevada License	Limit of License
Address	
Telephone	

Bidder Name: _____ Authorized Signature: _____



VII. SUBCONTRACTORS EXCEEDING 1% OF BID AMOUNT

In compliance with NRS 338.141, Bidder submits the following names of First-Tier Subcontractors who will provide to Bidder labor or a portion of the Work or improvements for which Subcontractor will be paid an amount exceeding one percent (1%) of the Bid or \$50,000, whichever is greater. The Bidder shall list the name of a Subcontractor for each portion of any of the Work the value of which exceeds one percent (1%) of the Bid Price.

Since all Subcontractors listed on the Bidder's 5% Subcontractor Information Form are over 1% of the Bid amount, those Subcontractors shall automatically be deemed incorporated into this 1% Subcontractor Information form and need not be re-listed below.

Information provided must be submitted within two (2) hours after the completion of the opening of the bids (Per NRS 338.141). Bidder shall enter "NONE" under "Name of Subcontractor" if not utilizing subcontractors exceeding this amount. This form must be complete in all respects. If, additional space is needed, attach a separate page. The bidder may elect to submit this information with the bid proposal, and, in that case, the bidder will be considered as having submitted this information within the above two hours.

Subcontractor Name	
Nevada License	Limit of License
Address	
Telephone	
Description of Work	
Subcontractor Name	
Nevada License	Limit of License
Address	
Telephone	
Description of Work	

Bidder Name: _____ Authorized Signature: _____



VIII. CERTIFICATION REGARDING DEBARMENT

Certification Regarding Debarment, Suspension, And Other Matters

(This to be signed and returned at the time of bid)

The prospective bidder, _____ certifies to the best of its knowledge and belief that it and its principals:

- Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
- Have not within a three year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
- Are not presently indicted for or otherwise criminally or civilly charged by a government entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph (b) of this certification; and
- Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State, or local) terminated for cause or default.

I understand that a false statement on this certification may be grounds for rejection of this proposal or termination of the award. Any exceptions provided will not necessarily result in denial of award but will be considered in determining bidder responsibility and whether or not the Authority will enter into contract with the party. For any exception noted, indicate on an attached sheet to whom it applies, initiating agency, and dates of action. Providing false information may result in criminal prosecution or administrative sanctions.

Signature:
Print Name:
Title:
Date:



IX. LOCAL PREFERENCE AFFIDAVIT

This form is required to receive a preference in bidding on projects exceeding \$100,000. This form must be submitted no later than two (2) hours following the opening of bids, only if the bidder wishes for their preferential status (established by their current Certificate of Eligibility) to be considered in the evaluation of bids. A copy of the bidder's Certificate of Eligibility must be submitted at the time the contractor submits their bid.

I, _____, on behalf of the Contractor, _____, swear and affirm that in order to be in compliance with NRS 338.0117 and be eligible to receive a preference in bidding 2020-02 PWP-WA-2019-279 Reno-Sparks Livestock Events Center Pavement Repair Project certify that the following requirement will be adhered to, documented and attained on completion of the contract. Upon submission of this affidavit on behalf of _____,

I recognize and accept that failure to comply with any requirements is a material breach of the contract and entitles the Authority to damages. In addition, the Contractor may lose their preference designation and/or lose their ability to bid on public works for a period of time, pursuant to NRS 338:

- The Contractor shall ensure at least 50 percent of workers employed on the public work possess a Nevada driver's license or identification card;
- The Contractor shall ensure all vehicles used primarily for the public work will be registered and (where applicable) partially apportioned to Nevada;
- The Contractor shall ensure payroll records related to this project are maintained and available within the State of Nevada.

These requirements are not applicable to Contractors who do not use the "Bidder's Preference" eligibility certificate in their bid or do not receive an advantage in ranking of bids due to their preference status.

Signature:
Print Name:
Title:
Date:



X. ACKNOWLEDGMENT AND EXECUTION

_____ (Name of Principal) being first duly sworn, deposes and says: That he/she is the Bidder, or authorized agent of the Bidder for whom the aforesaid described work is to be performed by; that he/she has read the Plans, Specifications, and related documents including but not limited to, any addenda issued and understands the terms, conditions, and requirements thereof; that if his/her bid is accepted that he/she agrees to furnish and deliver all materials except those specified to be furnished by the Authority and to do and perform all work for the bidding 2020-02 PWP-WA-2019-279 Reno-Sparks Livestock Events Center Pavement Repair Project together with incidental items necessary to complete the work to be constructed and/or services to be provided in accordance with the Specifications, Plans, and Contract Documents annexed hereto.

The undersigned, as Bidder, declares that the only persons or parties interested in this proposal, as principals, are those named herein, the Bidder is fully informed respecting the preparation and contents of the attached Bid and of all pertinent circumstances respecting such Bid: that this proposal is made without collusion with any other person, firm or corporation; that he/she has carefully examined the location of the proposed work; the proposed form of Contract, the Contract Provisions, Plans, Specifications and Contract Documents incorporated therein referred to and made part thereof; that he/she proposes and agrees if this proposal is accepted, that he/she will contract with the Authority in the form of the Contract prescribed, to provide all necessary machinery, tools, apparatus and other means of construction, and to do all the work and furnish all the materials specified in the Contract and annexed Contract Provisions, Plans and Specifications, in the manner and time prescribed and according to the requirements of the Project Representative as therein set forth, it being understood and agreed that the quantities shown herein are approximate only and are subject to increase or decrease, and that he/she will accept, in full, payment therefore the indicated prices.

Signature:
Print Name:
Title:
Date:



XI. PERFORMANCE BOND

All Bonding Companies must have an "A" rating or better with Moody's or A.M. Best Company and be included on the current list of "Companies Holding Certificates of Authority as Acceptable Sureties on Federal Bond and as Acceptable Reinsuring Companies" as published in circular 570 (as amended) by the audit staff, Bureau of Accounts, U.S. Treasury Department. (In other words, the company is T-listed.)

A. Performance Bond

The Contractor awarded this bid will be required to furnish the Authority with a surety bond conditioned upon the faithful performance of the contract. This may take the form of a bond executed by a surety company authorized to do business in the State of Nevada and approved by the Authority. The bond shall be in a sum equal to one hundred percent (100%) of the amount of the contract price. Such bond shall be forfeited to the Authority in the event that bidder receiving the contract shall fail or refuse to fulfill the requirements and all terms and conditions of the contract.

XII. GENERAL TERMS & CONDITIONS

A. The bidder agrees that

Bidder has carefully examined the specifications, and all provisions relating to the item(s) to be furnished or the work to be done; understands the meaning, intent, and requirements; and

Bidder will enter into a written Agreement and furnish the item(s) or complete the work in



the time specified, and in strict conformity with the Reno Sparks Convention and Visitors Authority's specifications for the prices quoted.

No communication to any other staff or Board Member of the Authority in regards to this Bid is allowed, except through the designated point of contact, and any such communication initiated by the Bidder may result in a disqualification of the Bidder.

Note: Bidder is defined as any individual, partnership, or corporation submitting a bid, proposal, or quotation in response to a request for bid (Bid), request for proposal (RFP), request for information (RFI) or request for qualification (RFQ). A Bidder may also be referred to as a bidder, contractor, proposer, supplier or vendor.

The use of the title "Bidder", "Contractor", "Consultant", "Proposer", or "Vendor" within this solicitation document and any resulting Agreement shall be deemed interchangeable and shall refer to the person or entity with whom the Authority is soliciting and/or contracting for the service or product referenced within the bid document.

B. Addenda

The effect of all addenda to the bid documents shall be considered in the bid and said addenda shall be made part of the bid documents and shall be returned with them. Before submitting a bid, each Bidder shall ascertain whether or not any addenda have been issued, and failure to acknowledge any such addenda may render the bid invalid and result in its rejection.

All potential Bidders are responsible for monitoring the Authority website regarding the availability of new bid documents or addenda (where applicable). The Authority will not be responsible for the results of any potential failures in automatic notification systems to potential Bidders or plan holders with respect to these documents and will not adjust bid schedules or requirements due to any potential failures of those systems.

C. Advertisements, Product Endorsements

Authority employees are prohibited from making endorsements, either implied or direct, of commercial products or services without written approval of the Authority President/CEO.

D. Annual Appropriation of Funds

In the event the Authority fails to obligate requisite funds for the ensuing fiscal year(s) for payment of amounts due against an agreement resulting from this Request for Proposal, necessitating cancellation of the Agreement, the successful Bidder(s) shall agree to hold the Authority free from any charge or penalty.

E. Brand Names

The herein contained technical information shall in no manner be construed as restrictive as to the manufacturer, process or point of origin. References appearing restrictive shall be



deemed inadvertent or employed as a descriptive device to delineate as to the quality, or configuration.

Offers made as an alternate to those specified shall be given consideration in the evaluation process provided said alternatives shall be fully described using brochures, specifications, literature, or any combination thereof, accompanying and deemed an integral portion of the Bidder's response.

The Authority shall solely determine the acceptability of all offerings.

F. Business License Requirement

All companies doing business with the Authority are required to obtain and maintain a current business license from the appropriate jurisdiction prior to the commencement of work. Bidder(s) awarded an Agreement resulting from this bid shall be required to obtain a current business license if they do not already possess one.

G. Compliance

All material and work performed shall comply with standing Federal, State, and Local Codes and Regulations, including but not limited to Occupational Safety and Health Act, Americans with Disabilities Act, etc.

H. Confidential Information

Any information deemed confidential or proprietary should be clearly identified by the Bidder as such. It may then be protected and treated with confidentiality only to the extent permitted by state law. Otherwise the information shall be considered a public record. Information or data submitted with a bid will not be returned.

I. Conflict of Interest

No Authority employee or member of the employee's immediate family, may participate directly or indirectly in the procurement process pertaining to this bid if they:

- Have a financial interest or other personal interest that is incompatible with the proper discharge of their official duties in the public interest or would tend to impair their independence, judgment or action in the performance of their official duties.
- Are negotiating for or have an arrangement concerning prospective employment with Bidder. The Bidder warrants to the best of his knowledge that the submission of the bid will not create such conflict of interest.

J. Default of Agreement

In case of default by the successful Bidder, the Authority may procure the product(s) or service from other sources and hold the Bidder responsible for any excess cost occasioned thereby.



If necessity requires the use of materials or supplies not conforming to the specifications, they may be accepted, and payment therefore shall be made at a proper adjustment in price.

Default by the Bidder in any manner including failure or refusal to furnish any product(s) or service at the price and/or the time specified may be considered cause to commence with proceedings against any surety held or assess a penalty equal to five (5) percent of the total proposal price.

K. Disputes

All disputes under this proposal shall be submitted to binding arbitration in accordance with the procedures of the Commercial Rules of the American Arbitration Association and judgment of the arbitrator shall be binding as a final judgment and shall be entered by a court of competent jurisdiction. Such arbitration shall be conducted in Washoe County, Nevada. The procedures specified herein shall be the sole and exclusive procedure for resolution of disputes arising out of or relating to this proposal except those instances otherwise overseen by the governing law of the State of Nevada.

L. Document Ownership

All technical documents and records originated or prepared pursuant to this Agreement, including papers, reports, charts, and computer programs, shall be delivered to and become the exclusive property of the Authority and may be copyrighted by the Authority. Bidder assigns all copyrights to Authority by undertaking this agreement.

M. Document Submittals

It should be noted that the documents submitted by prospective Bidders are competitive sealed proposals and not competitive sealed bids. When proposals are opened, prices and other information will not be made public until the proposal is awarded. There shall be no disclosure of any Bidder's information to competing Bidders prior to the award of the proposal. Upon award of the Agreement, the executed Agreement and proposals will become public information. Accordingly, each proposal should be submitted on the vendor's most favorable terms from a price and technical standpoint.

N. Evaluation and Recommendation, Selection and Agreement

The Authority reserves the right to waive any informalities or irregularities.

The Authority reserves the right to alter, amend, or modify any provisions of this Bid, or to withdraw this Bid, at any time prior to the award of an Agreement pursuant hereto.

The Authority reserves the right to hold responses for a period of ninety (90) days from the date of opening before awarding or rejecting said responses.

Severability exists with regard to acceptance or rejection of any item, group of items, or



section unless the Bidder has stipulated specific limitations.

Once a final selection has been made as described above, the Authority will work with the Bidder on preparing an Agreement (the "Agreement") for execution, which will set forth the terms and scope of the engagement of the selected Bidder, including, but not be limited to, the terms set forth in this Bid. If the Authority and the selected Bidder have not executed a negotiated agreement within fifteen (15) business days after selection by the Authority, the Authority may terminate negotiations with that selected Bidder and may initiate negotiations with an alternative Bidder.

No Agreement may be assigned to any other person or entity.

Upon notification of selection and full execution of the Agreement, the Bidder selected must be duly licensed to conduct business in the State of Nevada, Washoe County and the City of Reno or the City of Sparks. Proof of certificates, licenses, and permits must be submitted to the Authority Finance Department before work can begin. Cost of all required certificates, licenses, and permits are the responsibility of the Bidder.

O. Exceptions

A Bidder deviating from specifications must specify any and all deviation(s). Failure to note said exceptions shall be interpreted to convey that the Bidder shall propose to perform in the manner described and/or specified in this bid solicitation. If exception(s) are taken or alternatives offered, complete descriptions must be shown separately.

P. Indemnification

The Bidder hereby agrees to indemnify and to save and hold harmless the Authority and their agents from any and all claims, actions, costs, expenses, (including attorney's fees), liability, damages or payments incurred by reasons of any bodily injury including death or property damage resulting from the Bidder's operations.

Q. Insurance

The Agreement contemplated by this Bid will require that the successful Bidder shall procure and maintain, at its sole expense the following minimum insurance coverage:

Commercial General Liability. Commercial General Liability at least as broad as Insurance Services Office policy form CG 00 01 12/07, or equivalent, providing coverage on an occurrence form for Bodily Injury, Property Damage, Liquor Liability, Independent Bidders, Personal Injury, Broad Form Property Damage, Broad Form Contractual Liability and Medical Payments. The limits of liability shall not be less than One Million Dollars (\$1,000,000) per occurrence, Two Million Dollars (\$2,000,000) general aggregate for both bodily injury and property damage.

The policy shall include the Authority and its agents, beneficiaries, partners, employees, the County of Washoe, and the Authority of Reno as additional insureds with coverage at least as broad as Insurance Services Office (ISO) endorsement form CG 20 26 07/04.



The policy shall provide that coverage is provided on a primary basis, not excess or contributing with or secondary to any other insurance as may be available to the additional insureds.

Automobile Liability. Automobile Liability at least as broad as Insurance Services Office Business Auto Coverage Form CA00 01, or equivalent, providing coverage for Bodily Injury and Property Damage resulting from the ownership, maintenance or use of any auto, whether owned, rented or hired or non-owned. The limit of liability shall not less than One Million Dollars (\$1,000,000) combined single limit (CSL) for bodily injury and property damage.

Workers' Compensation and Employer's Liability. Workers' Compensation at least as broad as National Council on Compensation Insurance (NCCI) policy form WC 00 00 00 B 07/11, or equivalent, providing coverage meeting the requirements of the Workers' Compensation law of the State of Nevada. To the extent such waivers are obtainable from the insurance carriers, the policy shall include an endorsement waiving the insurance company's rights of subrogation against the Authority, its agents, beneficiaries, partners, employees, the County of Washoe, and Authority of Reno. This endorsement shall be at least as broad as National Council on Compensation Insurance (NCCI) Waiver of Our Right to Recover from Others Endorsement form WC 00 03 13 with a revision date of January 2004.

Property. Property insurance on an All-Risk or Special Form providing coverage for personal property of the Bidder.

Form of Coverage. All such insurance maintained by the Bidder shall be: issued by insurance companies authorized to do insurance business in the State of Nevada, issued by insurance companies with current A.M. Best financial ratings of at least A X or better satisfactory in form and substance to Authority.

All insurance and bond shall provide that the policy shall not be cancelled, nor shall coverage be reduced thereunder until after thirty (30) days written notice to Authority at Reno-Sparks Convention & Visitors Authority, Post Office Box 837, Reno, Nevada 89504-0837.

The Bidder shall deposit each policy or a certificate thereof with Authority no less than thirty (30) days prior to the start of the agreement date.

R. Items Offered

If the item offered by the Bidder has a trade name, brand and/or catalog number, such shall be stated in the bid. If the Bidder proposes to furnish an item of a manufacturer or vendor other than that mentioned on the face hereof, Bidder must specify maker, brand, quality, catalog number, or other trade designation. Unless such is noted on the bid form, it will be deemed that the item offered is that designated even though the bid may state "or equal".

S. Late Bids, Modifications, or Withdrawals

Bids, modifications of bids, or bid withdrawals received after the exact time and date specified for receipt will not be considered.



Within the scope of this proposal, the Authority shall be held harmless in any and all transactions between the Bidder and the other participating governmental entities.

T. Lawful Performance

Vendor shall abide by all Federal, State and Local Laws, Ordinances, Regulations, and Statutes as may be related to the performance of duties under this agreement. In addition, all applicable permits and licenses required shall be obtained by the vendor, at vendor's sole expense.

U. Litigation Warranty

The Bidder, by bidding, warrants that Bidder is not currently involved in litigation or arbitration concerning the materials or Bidder's performance concerning the same or similar material or service to be supplied pursuant to this Agreement of specification, and that no judgments or awards have been made against Bidder on the basis of Bidder's performance in supplying or installing the same or similar material or service, unless such fact is disclosed to the Authority in the bid. Disclosure may not disqualify the Bidder. The Authority reserves the right to evaluate bids on the basis of the facts surrounding such litigation or arbitration and to require Bidder to furnish the Authority with a surety bond executed by a surety company authorized to do business in the State of Nevada and approved by the Authority in a sum equal to one hundred percent (100%) of the Agreement price conditional on the faithful performance by Bidder of the Agreement in the event the bid is awarded to Bidder, notwithstanding the litigation or arbitration.

V. Non-Discrimination

No Bidder providing a service, program or activity to the public on behalf of the Authority shall discriminate against any person because of sex, race, color, creed, national origin or disability, and shall comply with the Americans with Disability Act and Authority's policies pursuant thereto when providing said service, program or activity.

The Authority is an Affirmative Action/Equal Opportunity Employer. Bidders shall be cognizant of the requirements for compliance with Executive Order 11246, entitled "Equal Employment Opportunity" as amended by Executive Order 11375 and as supplemented in regulations of the U.S. Department of Labor (41 CFR part 60).

The Contractor and any Subcontractors will comply with the requirements set forth in Nevada Revised Statutes Chapter 338 regarding public works, including, but not limited to, the provisions of NRS 338.125 which provides that the Contractor and Subcontractors may not discriminate in any of their employment practices.

W. Open Meeting Law

NRS 241 provides that public business will be conducted in open meeting.

X. Prevailing Wages

Bidder is responsible for complying with all applicable local, State and Federal wage laws, whether or not specifically cited in this bid document.

Per NRS Sections 338.020 through 338.090, certain projects defined as “public works” require the payment of the prevailing wage as determined by the Labor Commissioner. Generally speaking, projects/contracts for construction of a public work valued at less than \$100,000 are exempt from the prevailing wage requirement (NRS 338.080). Bidder shall be fully aware of the prevailing wage requirements of the State of Nevada as detailed in NRS Chapter 338 and price their bid response accordingly, where applicable. Further information concerning Prevailing Wage rates can be found at:

http://www.laborcommissioner.com/publicworks_prevailingwage.html.

Y. Protests

Pre-Opening Protests: Any protest based upon restrictive specifications or alleged improprieties by the Authority, which are apparent prior to proposed opening including, without limitation, these protest procedures, shall be submitted to the Authority at least seven (7) days prior to the submission opening date. Three (3) copies of any pre-opening protests must be delivered to Reno-Sparks Convention & Visitors Authority, 4001 South Virginia Street, Suite G, Reno, Nevada 89502, Attention: Jeff Jensen. All protests must be in writing to be considered and shall specify in detail the grounds for the protest and the facts and law supporting the protest. All pre-opening protests will be resolved by the Authority prior to the submission opening. The Authority Finance Department will issue a written decision specifying the grounds for granting or denying the pre-opening protest. If a protest is granted, the proposed opening date may be postponed and an Addendum issued or, at the sole discretions of the Authority, the Authority may cancel the bid. If the protest is denied, submissions will be received and opened on the scheduled opening date in the same manner as if no protest had been filed.

Appeal by Unsuccessful Bidder: Any protest from an unsuccessful proposer must be submitted prior to award by the Board as established in NRS 332.068. Bidder must submit a written appeal in accordance with the requirements set forth herein to the Finance Department within five business days from the date of the letter notifying of intent to award.

The appellant must post a bond with the written appeal with good and solvent surety authorized to do business in the State of Nevada in an amount equal to 25% of the value of the contract in order to have their appeal heard by the Board. Any and all bonds are subject to the approval of the Board’s Attorney. In the event the appeal is not upheld by the Board, a claim may be made against the bond in an amount equal to the expenses incurred and other monetary losses suffered by the Authority because of the unsuccessful appeal.

The route of appeal is the Director of Finance then the President/CEO, or designee, and must be followed sequentially. No Bid protests will be heard by the Board unless the proposer has followed the appeal process route.

Claims Against Protest Bonds:

The Authority shall not make a claim upon any bond or other security unless and until the basis of that claim is considered and approved by the Board. The Authority may:

- Claim its regular staff time and costs in processing, considering and/or defending against an award protest.
- Claim any necessary extraordinary staff overtime incurred in processing, considering and/or defending against an award protest.
- Claim the Authority's Attorney time and costs in processing, considering and/or defending against an award protest.
- Claim any resulting fees and costs incurred to any independent contractors, consultants or contracted attorneys utilized in processing, considering and/or defending against an award protest.
- Claim any lost expenditure savings, lost revenue and other consequential financial damages resulting from the protest's automatic stay of the award of an Agreement to a selected solicitation response.
- Claim any lost gifts, lost grants or other lost government or private financial participation resulting from any delay caused by the protest's automatic stay of the award of an Agreement to a selected solicitation response.

Protest Bond Risk Inquiry—Procedure:

As soon as possible after an award protester has posted a protest bond or other security, the soliciting Authority department or agency shall provide a written non-binding estimate of the basis of potential claims unique to the circumstances of the Agreement award(s) stayed by the protest, without disclosing any bid information that must remain confidential until an award decision is final. From this estimate, the protester shall be responsible for calculating the risk(s) of proceeding with a protest to a final decision by the Board. A protester may withdraw a protest in writing at any time prior to a decision of the Board, but any withdrawal more than seven (7) calendar days after the issue date of the Authority's estimate of the basis of potential claims shall, upon Board's approval of the claims, be subject to claims against the bond or other security of the withdrawing protestor prior to its return to the protester.

Z. Signature

All bids shall be signed, and the title and Bidder name indicated. A bid by a corporation shall be signed by an authorized officer, employee or agent with his or her title.

AA. Submission of Responses

The Authority assumes no responsibility for errant delivery of responses, including those relegated to a courier agent who fails to deliver in accordance with the submission time/date and address requirements.

The Authority will not be responsible for the premature opening of responses, which are not properly addressed or identified.



The Authority will not accept a response submitted by telephone, telegraphic notice, facsimile, or e-mail.

Bidder will furnish the required information typed or written in ink.

The person signing the response must initial erasures or other changes in ink.

In the spaces provided, a duly authorized representative of the Bidder will sign this Bid document.

Bidder will proofread its response carefully for errors.

In the event of a difference between written words and figures, the amount stated in written words will govern.

In the event of a difference between unit price and extended price, the unit price will govern.

The Authority is not liable for any costs incurred by Bidder prior to entering into the final Agreement. Costs of developing the qualifications or any other such expenses incurred by the Bidder in responding to this Bid, are entirely the responsibility of the Bidder, and shall not be reimbursed in any manner by the Authority.

Respondent shall be responsible to ensure they have complied in all respects with the provisions of NRS 338.141 regarding listing of general contractors and/or subcontractors who will perform any work on the project. Failure of Respondent to comply with the provisions of NRS 338.141 will result in rejection of Respondent's bid.

Respondent shall bear the responsibility to ascertain the relevancy of the "preference for certain contractors" referenced in NRS 338.147. Respondents claiming preference shall submit with their Bid the "Certificate of Eligibility" issued by the State of Nevada Contractor's Board as proof of Contractor's compliance with the provisions of NRS 338.147. Failure to submit the Certificate of Eligibility with the sealed Bid shall result in the waiver of any bidder preference. In the event Respondent claims a bidder preference pursuant to NRS 338.147, the RSCVA strongly encourages Respondent to deliver to the RSCVA an affidavit satisfying the requirements of NRS 338.0117 with the Bid response. However, pursuant to NRS 338.147(2)(a)(3) the Respondent may deliver the foregoing affidavit up to two (2) hours after the opening of the bids, all as set forth in NRS 338.147(2)(a)(3). Failure to timely submit the foregoing affidavit shall result in a waiver of any bidder preference.

Bidder has carefully examined the specifications, and all provisions relating to the item(s) to be furnished or the work to be done; understands the meaning, intent, and requirements.



BB. Tax Exemption

The Authority is a tax-exempt public entity and is not generally subject to federal excise, state, or local taxes. The Authority is specifically limited in its payment of sales tax per NRS 372.325. No additional taxes may be added or "passed through" as a result of any agreement.

CC. Venue

This agreement shall be governed by and interpreted according to the laws of the State of Nevada, and venue for any proceeding shall be in Washoe County.

DD. Withdrawal of Bids/Proposals

Bids/Proposals may be withdrawn by written or facsimile notice received prior to the exact hour and date specified for receipt of bid. A bid/proposal may also be withdrawn in person by a Bidder, or Bidder's authorized representative, prior to the exact hour and date set for receipt of bids. Telephone withdrawals are not permitted.

Prepared for:

Reno-Sparks Convention & Visitors Authority
4001 South Virginia Street Suite G,
Reno, NV 89502

May 3, 2019

Specifications for Construction

for

Reno-Sparks Livestock Events Center

1350 North Wells Avenue
Reno, NV 89512

**2020-02 PWP-WA-2019-279 Pavement Rehabilitation
Project**

Prepared by:



2110 Pewaukee Rd., Ste D
Waukesha, WI 53188
PH: 319.393.9100
FAX: 262.547.0627

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#	CODE	ITEM DESCRIPTION	EST QNTY	U/M	BID UNIT COST	BID SUBTOTAL
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BASE BID ITEMS:

Miscellaneous Items

DO NOT ROUND VALUES

1	0.01	General Requirements	1	LS	\$ _____	\$ _____
2	0.11	Traffic Control Installation	1	LS	\$ _____	\$ _____

BASE BID TOTAL: \$ _____

ESTIMATED DAYS TO COMPLETE: _____ DAYS

North Lot PM

DO NOT ROUND VALUES

1	1.11	Pavement Marking Application	1	LS	\$ _____	\$ _____
2	0.70	Stone Undercut (1-1/4")	100	TON	\$ _____	\$ _____
3	2.34b	Asphalt Pavement Repair (1-1/2" Skin Patch)	7,700	SY	\$ _____	\$ _____
4	2.34c	Asphalt Joint/Crack Repair (2' Width)	3,500	LF	\$ _____	\$ _____
5	2.41	Asphalt Pavement Restoration - 3" Depth	2,350	SY	\$ _____	\$ _____
6	3.50e	Concrete Valley Gutter Restoration - 36" Wide	170	LF	\$ _____	\$ _____

BASE BID TOTAL: \$ _____

ESTIMATED DAYS TO COMPLETE: _____ DAYS

BASE BID GRAND TOTAL: \$ _____

ESTIMATED DAYS TO COMPLETE: _____ DAYS

#	CODE	ITEM DESCRIPTION	EST QNTY	U/M	BID UNIT COST	BID SUBTOTAL
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SUBCONTRACTOR LISTING:

	SUBCONTRACTOR:	WORK DESCRIPTION:
1)	_____	_____
2)	_____	_____
3)	_____	_____

QUALITY CONTROL MANAGER:

NAME: _____

PHONE: _____

EMAIL: _____

SCHEDULE (CHECK APPROPRIATE SECTION BELOW):

() YES BIDDER STATES THAT TO THE BEST OF THEIR ABILITY, THE WORK WILL BE COMPLETED PER THE SPECIFICATIONS.

() NO BIDDER PROPOSES THE FOLLOWING WORK SCHEDULE:
START WORK _____ COMPLETED BY _____.

ADDENDUM(S) RECEIVED:

() YES () NO () NA List _____, _____, _____, _____, _____

THIS CONTRACTOR AGREES TO PERFORM ALL WORK AS SPECIFIED IN THESE DOCUMENTS DATED MAY 3, 2019.

SUBMITTED BY:

COMPANY: _____

SIGNATURE: _____ PRINT: _____

TITLE: _____

DATE: _____

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

**2020-02 PWP-WA-2019-279 PAVEMENT
REHABILITATION PROJECT DETAILED
SPECIFICATIONS**

Prepared by: Benchmark, Inc.
2110 Pewaukee Rd., Ste D
Waukesha, WI 53188
Phone: 319.393.9100

Dated: May 3, 2019

**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@renotahoeusa.com.**

TECHNICAL SPECIFICATIONS

0.01 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.

Taxes shall be considered inclusive with unit pricing, unless a separate "tax" pay item is provided on the proposal form.

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.

References

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.

Contractor Qualifications

Contractors invited to submit a bid for this project have been selected based upon certain general prequalification standards. The Owner reserves the right to award the project based upon additional criteria, beyond price, which may include capabilities, resources, equipment, materials, experience and/or schedule that are believed to be in the Owner's best interest.

The awarded Contractor is responsible for self-performing a minimum of 60% of all activities related to the awarded work scope; unless, special conditions have been permitted by the Owner.

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.

Americans with Disability Act (ADA)

All construction rehabilitation work that takes place in the areas identified will be in full compliance with the minimum requirements of the 2010 Standards for Accessible Design (inclusive of Title II, Title III and 2004 ADAAG per facility type) as set forth by the US Department of Justice (www.ADA.gov) along with any State or local government standards. Special attention is to be made with paving slopes for Accessible:

- Parking space(s) and aisle(s) slope: 1:48 (2%) maximum
- Route(s) slope: 1:20 (5.0%) maximum in direction of travel
1:48 (2%) maximum cross slope
- Ramp(s) slope: 1:12 (8.33%) maximum in direction of travel
1:10 (10.0%) maximum side slopes
1:20 (5%) maximum counterslope (gutter pan)

Pavement markings, signage and other appropriate standards are also to comply for all work that is performed.

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.

Protection of Public & Private Utilities

The location of any existing utilities as may be indicated on the plan are approximate. There may be other utilities within the project limits that are not shown.

The Contractor shall be solely responsible for the protection of all utilities on-site, public or private. The Contractor shall be responsible for the locating and marking of all utilities, prior to the start of work and maintaining the locations throughout the duration of the project. Contractor shall coordinate public utility locating through Call Before You Dig 811 service. Private locates will need to be coordinated separately. The Contractor is responsible for any and all costs associated with locating the existing utilities.

All utility locations that are potentially in conflict with the construction activity must either be potholed by hand digging or hydro-excavated to expose the utility at an adequate amount of locations establishing line and grade to avoid disturbance. Hydro-excavation includes the use of pressurized water jetting and vacuum technology. The utility opening shall be backfilled, or steel plates installed after line and grade are established. The utility owners will be notified of any damage prior to backfilling to allow for repair.

Appropriate measures shall be taken as necessary for the protection of these utilities during construction. If damage to utilities occurs during construction, the Contractor shall immediately notify the Owner's Representative and/or Owner.

Truck & Equipment Load Limitations

The Contractor shall limit the truck axle loadings and weight of all construction equipment, including the hauling of materials, so that the existing pavement is not damaged during the construction operations. A route for all trucking will be established during the preconstruction meeting. The Contractor is responsible for all trucks to adhere to this route. Any avoidable damage shall be repaired at the Contractor's expense to the satisfaction of the Owner's Representative.

Vehicles & Equipment

The Contractor shall have adequate and appropriate vehicles and equipment for executing the construction work. All vehicles and equipment shall be in safe operating condition and maintained in good working order. Malfunctioning or broken-down vehicles or equipment is to be properly repaired or replaced with backup equipment immediately to avoid project delays.

Paving equipment (paver(s) and rollers) will be of appropriate size for the project area and density requirements.

Grades & Staking

The Contractor shall make all efforts possible to maintain adequate drainage of all new installations and meet the grades of existing structures, driveways, and pavements within or adjacent to the new installation. The Contractor is responsible for the smooth transitions of the proposed pavements.

The Contractor shall be responsible for all initial staking and restaking necessary for establishment of grade elevations and/or alignment.

Preconstruction Meeting

As part of the requirements of this Project, the Contractor will participate in a preconstruction meeting, prior to the start of work. The Contractor shall have present at this meeting a designated project manager and any other field superintendents and/or foreperson(s) that will be performing the work at this site. Representatives of any subcontracted work shall also be present at this meeting.

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, conversant in English, 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.

Unit Prices

This is a unit price contract with estimated quantities included on the accompanying proposal form. Contractor will be paid for actual quantities of work performed as verified by the Owner's Representative. All material load tickets, delivery tickets and bill of ladings are required for final payment.

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.

Submittals

A full submittal package shall be forwarded to the Owner's Representative, for review, as identified in the award notification and shall be provided no less than seven (7) days prior to the preconstruction meeting.

The submittal requirements will be per the Technical Specifications and will include:

Administrative Items:	
1	Quality Control Plan/Program
2	Traffic Control Plan
3	Safety Program/Plan
4	List of All Related Laboratory Testing Companies
5	List of Key Personnel and Subcontractors
6	Permit Verification
7	Contract Verification

8	Project/Progress Schedule
Material Items:	
0.80 to 0.83	Tack Coat
1.11	Pavement Marking
2.41	Asphalt Surface Course (9.5MM)
3.50	Concrete Curb/Gutter (Concrete, Curing Compound, Reinforcement)

All asphalt submittals must include recent quality control charts, laboratory worksheets and contact information of the Quality Control Manager.

If, after initial approval, alternate material sources are being considered or deemed necessary, submittals must be provided for review and authorization of use within 48 hours of project commencement.

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.

Within the Proposal Form, the Contractor shall state whether or not this schedule can be met. Bidders have the option to submit their proposed alternate schedule, which the Owner will review and evaluate. The Owner places a high value on the schedule and retains the right to award the work to the Contractor who presents the most favorable bid cost and schedule package.

0.10 TRAFFIC CONTROL INSTALLATION

0.11 - 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. Flag person(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.

- 1. (0.11h) - 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 for 0.11 Traffic Control Installation, as verified by the Owner's Representative in the field.

0.20 EROSION/SEDIMENT CONTROL INSTALLATION:

0.21 - EROSION/SEDIMENT CONTROL INSTALLATION

All work shall be performed in accordance with the Nevada Construction Site Best Management Practices (BMP) Handbook and/or any local ordinances. The Contractor shall be responsible for obtaining any applicable permits for this work. The following will be required as a minimum.

Prior to the start of any construction activity, erosion/sediment control shall be installed in order to prevent erosion and sediment discharge.

Contractor is responsible for maintaining BMP measures throughout duration of the project along with removal upon completion and establishment of permanent erosion control (if identified).

This item of work shall be considered incidental to the project.

1.00 PAVEMENT MARKING:

1.11 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. Remarking 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.

2.00 PAVEMENT REPAIR/PREVENTIVE MAINTENANCE:

2.34b 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 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 2.34b Asphalt Pavement Repair (Skin), as verified by the Owner's Representative in the field.

2.34c 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.

2.41 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.

3.00 CURB/SHOULDERING

3.50e 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.

40.00 QUALITY CONTROL/QUALITY ASSURANCE:

40.10 ASPHALT MATERIALS – (Mix Design, QC/QA, Testing, Acceptance)

SCOPE:

Provide plant produced Hot Mix Asphalt (HMA) and construct bituminous concrete paving courses to lines, grades and thicknesses over prepared substrate as shown on the Drawings and as identified in section 2.41.

All materials, workmanship, etc. shall be in strict accordance with the governing State Department of Transportation Standard Specifications (latest edition), hereinafter called the Standard Specifications. ***Alterations to the Standard Specification requirements do exist.*** In the case of conflict, the following detailed specifications shall govern over the Standard Specifications.

SUBMITTALS:

Submit manufacturer's product data (mix design or job mix formula) for each material and product used.

Mix Design Material Requirements: *Superpave (per Asphalt Institute, SP-2)*

N _{Design}	50 to 75 gyrations (AASHTO T-312)
Air Voids, V _a (all mixes)	3.5 to 4.0
VMA binder (lower)	12.5 min.
VMA intermediate & wearing (surface)	14.5 min.
VFB	65 to 80
DP - Dust to Effective Binder (P _{be})	0.6 to 1.2

Aggregate Materials and Gradation Requirements:

Final combined blend of aggregates used, including RAP and RAS must meet:

- ┆ Fine Aggregate Requirements:
 - Surface: 2.36mm (#8) sieve \geq 40 passing
 - Binder (lower) / Intermediate: 4.75mm (#4) sieve \geq 40 passing

Quality Control/Quality Assurance:

The Contractor is required to maintain an in-house Quality Control (QC) Program.

Minimum *daily* QC Plan requirements that are the Contractor's responsibility to be either in-house or subcontracted shall include:

- ┆ Density testing. *In place testing is optional for projects under 150 tons.*
- ┆ Provide load tickets for all materials placed
- ┆ All testing results shall be forwarded by end of production day to project contact listing as identified at the preconstruction meeting.

The presence or absence of QA testing or onsite inspection shall not relieve the Contractor from the inherent responsibility to conform to the contract specifications.

Compaction: The Contractor shall provide an approved nuclear density meter, with a State Certified or previously approved operator, for compaction verification of all mixtures placed. **A minimum daily test rate of 2 tests per 100 tons of mix type placed is required.** Pavement and compaction test results shall meet the following requirements:

Placement / Installation Requirements and Construction Tolerances:

- ┌ Layers (courses or lifts) of asphalt placed shall be smooth; even; consistent; free of segregation, stripping & roller marks; and of uniform density. Density values to be of the maximum theoretical specific gravity (G_{mm}) at optimum P_b
- ┌ Binder (lower) or Intermediate Layer:
 - Thickness: Minimum compacted
 - Smoothness within 1/4" in 10'
 - Density = 91.5% minimum over aggregate base
 - Density = 92% minimum over existing pavement
- ┌ Upper (Wearing or Surface) Layer:
 - Thickness: Minimum compacted
 - Smoothness within 3/16" in 10' verified to have no ponding water
 - Density = 93% minimum

If directed by the Owner's Representative, flood test the pavement in-place for verification of tolerances and drainage.

Defective work is to be repaired or replaced at no additional cost to the Owner in a manner approved by the Owner's Representative and the Owner so that the finished product is free of evidence of repair.

Failure to meet the established requirements may result in (1) removal and replacement of noncompliant mix at the contractor's expense, (2) price adjustment for noncompliant mix left in place, or (3) an extended warranty for noncompliant mix left in place to be determined at the discretion of the Owner and Owner's Representative.

40.20 CONCRETE MATERIAL – QUALITY CONTROL/QUALITY ASSURANCE

SCOPE:

Provide plant produced Portland Cement Concrete (PCC) and construct concrete paving to lines, grades and thicknesses over prepared substrate as shown on the plans, details and as identified in the other appropriate specification sections.

All materials, workmanship, etc. shall be in strict accordance with the governing State Department of Transportation Standard Specifications (latest edition), hereinafter called the Standard Specifications. ***Alterations to the Standard Specification requirements do exist.*** In the case of conflict, the following detailed specifications shall govern over the Standard Specifications.

SUBMITTALS:

Submit manufacturer's Job Mix Formula (JMF) for each material and product used. A complete mix design with supporting testing and design data support or recent Quality Control (QC) test results is not required but may be requested during the review process.

Mix Design Submittal Requirements:

A minimum of four (4) weeks prior to mobilization and commencement of the project, the Contractor must submit a current proposed Job Mix Formula(s) for the owner's representative's review and approval. **The project is not to commence until all submitted mix designs have been approved.**

Submit manufacturer's product data and installation instructions for each material and product used. Provide products of acceptable manufacturers which have been in satisfactory use in similar service for three years.

Material Requirements:

- ┆ Concrete materials shall conform to locally acceptable DOT concrete mixes.
- ┆ All concrete shall be a high early concrete having the following minimum compressive strength: **3,000 PSI @ 72 hours and 4,000 PSI @ 28 days.** A "rapid set" or higher early mix may be utilized or necessary to reduce the curing period and re-opening of concrete areas to meet schedule or phasing requirements.
- ┆ The air content for non-slip form paving shall be 5%, plus 1.5% or minus 1.0% and material agent comply with ASTM C-260.
- ┆ Slump shall be per mix design and have a W/C ratio between 0.32 to 0.45.
- ┆ Welded Wire Mesh – Mesh shall be 6 X 6 – W2.9 X W2.9 supplied in sheets, not rolls.

All steel reinforcement shall be grade 60 and epoxy coated, DOT approved #4 deformed rebar 18" for non-vehicular traffic areas.

- ┆ Curing compound shall be white pigmented or approved equal meeting ASTM C-309 and AASHTO M148-Type II, Class A or B. The following is a listing of approved products:
 - 1200 and 1600 White as manufactured by WR Meadows
 - 2200 White Poly-Alphamethylstyrene as manufactured by WR Meadows
 - Day Chem White Pigmented Cure-W (J-9-A) as supplied by Dayton Superior
 - Gardseal as supplied by Lambert Corporation

┌ Resilient Joint Filler – 1/2" thick bituminous impregnated preformed fiber board material for filling expansion joints shall meet requirements of AASHTO M213, ASTM D-1751 and shall be furnished in strips of dimensions shown.

┌ Sealant Materials – Silicone products for exterior traffic conditions meeting:

- ASTM D-412 Elongation 1100% minimum
- ASTM C-719 Adhesion +100% / -50%
- Approved material: Sikasil 728 SL as manufactured by Sika Corporation
- Approved material: 890-SL as manufactured by Dow Corning
- Vehicular traffic areas may permit the use of hot pour rubberized asphalt sealant when approved and identified on the plans or details. All material types must be appropriate for the geographical climate temperature ranges of the project location per ASTM D6690 Type I, II, III or IV classifications.

Other materials which may be necessary based upon conditions:

- Backer Rod: Shall comply with joint sealant manufacturer's specification. Backer rod width should be 25% greater than the width of the joint being sealed.
- Primers: Product recommended by joint sealant manufacturer where required for adhesion of sealant to joint substrates indicated as determined from preconstruction joint-sealant-substrate tests and field tests.

Quality Control/Quality Assurance:

The Contractor is required to maintain an in-house Quality Control (QC) Program.

Provide load tickets for all materials placed.

The presence or absence of QA testing or onsite inspection shall not relieve the Contractor from the inherent responsibility to conform to the contract specifications.

Placement / Installation Requirements and Construction Tolerances:

- ┌ Concrete placed shall be
- Thickness: Minimum compacted
 - Smoothness within 3/16" in 10' verified to have no ponding water

The concrete shall be spread uniformly over the entire area between the forms without segregation and shall be uniformly vibrated in place to the minimum thickness specified.

The concrete shall be finished using screeds, floats, and hand tools. The use of extra water during finishing operations will not be permitted

Field layout of the joint locations is to be approved by the Owner's Representative prior to work taking place. Such approval will be considered conditional and will be subject to obtaining satisfactory results.

All joints shall be sawed or tooled, if applicable. Sawing depth should be a minimum of one-third specified total concrete pavement thickness. Concrete shall be hardened sufficiently to be sawed without spalling and raveling and within 24 hours after the concrete is placed.

It is the contractor's responsibility to saw joints before uncontrolled cracking takes place. When uncontrolled cracks take place, the owner's representative may require the pavement to be replaced at no additional cost. If the Contractor desires to utilize any construction techniques to minimize potential cracking, permission shall be obtained in writing from the Owner's Representative prior to beginning the affected work.

Cold and/or Rainy Weather Conditions and Cover:

It shall be the Contractor's responsibility to protect concrete from cold and/or raining weather. At a minimum, the Contractor is required to provide 60 millimeter plastic covering for protection and curing. Failure to properly protect the finished concrete may constitute cause for removal and replacement of defective pavement.

Acceptance:

If directed by the owner representative, flood test the pavement in-place for verification of tolerances and drainage.

Defective work is to be repaired or replaced at no additional cost to the Owner in a manner approved by the owner representative and the Owner so that the finished product is free of evidence of repair.

Failure to meet the established acceptance tolerances and requirements may result in (1) removal and replacement of noncompliant mix at the contractor's expense, (2) price adjustment for noncompliant mix left in place, or (3) an extended warranty for noncompliant mix left in place to be determined at the discretion of the Owner and owner's representative.

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.

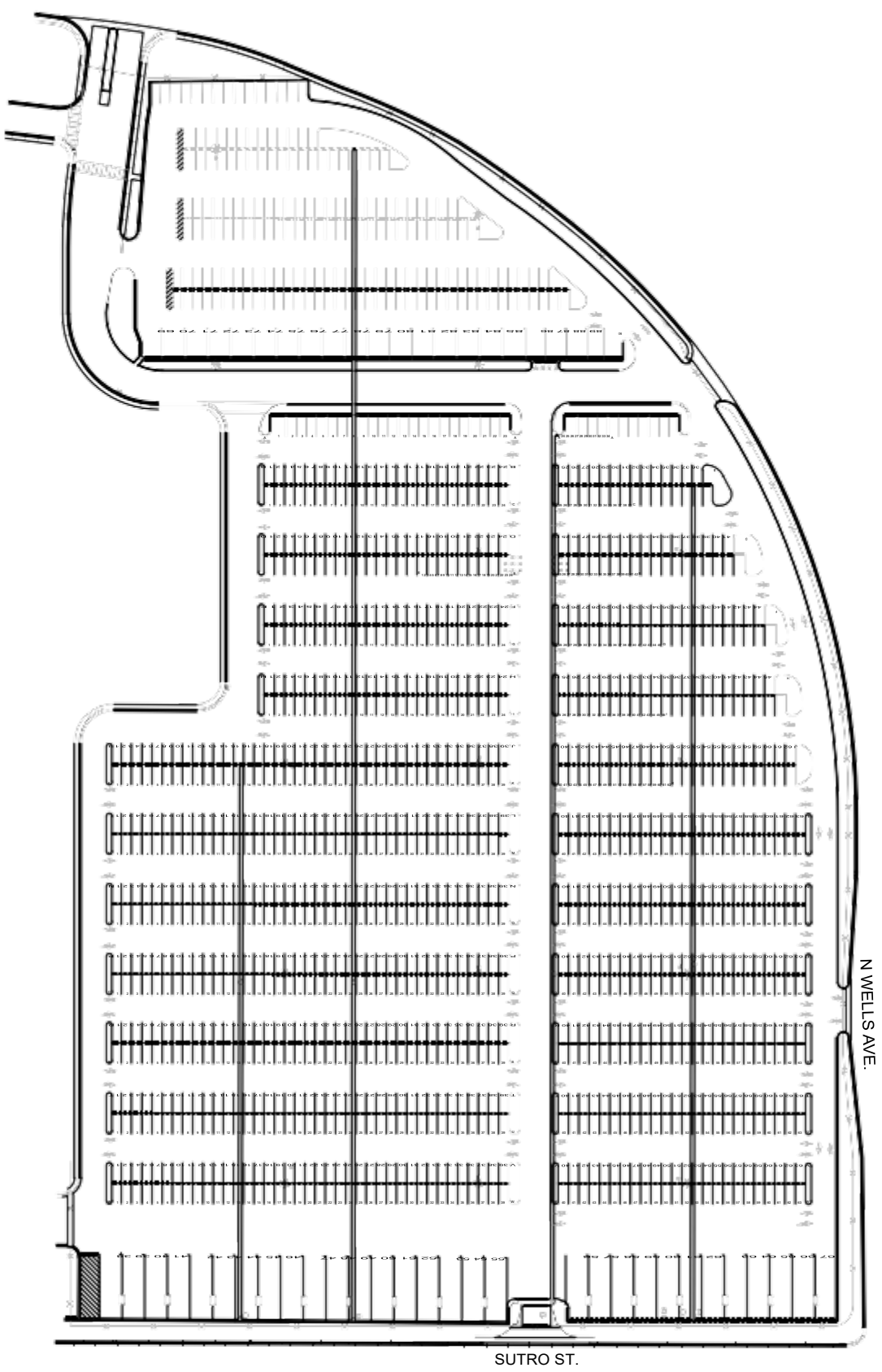
Contractor shall be responsible for returning all cart corrals to their prior location and shall prepare a dot-the-lot map of the existing locations for use in restoring cart corrals and pavement markings.

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.

RENO-SPARKS CONVENTION AND VISITORS AUTHORITY

2020-02 PWP-WA-2019-27 PAVEMENT REHABILITATION

1350 NORTH WELLS AVENUE RENO, NV 89512



Site Plan
Scale: 1"=40'-0"

ROOF & PAVEMENT CONSULTANT



CEDAR RAPIDS, IA • WAUKESHA, WI
Phone: 319.393.9100
www.benchmark-inc.com

NO.	TITLE SHEET	DESCRIPTION
T-1	TITLE SHEET	2019 PAVEMENT REHABILITATION
P-1		REHABILITATION LEGENDS & DETAILS
D-1		

REV. NO.	DATE	BY
1	05/03/19	MD
2		
3		
4		

DATE	05/03/19
DRAWN BY	M. DOWE
PROJECT MANAGER	R. TIMMERMAN
CHECKED BY	P. DEVORSE
DESIGNED BY	F. KAISER
SENIOR	
PROJECT NO.	19RENRENOP001B001.dwg



CLIENT: RENO-SPARKS CONVENTION AND VISITORS AUTHORITY
PROJECT: RENO-SPARKS LIVESTOCK EVENTS CENTER
1350 NORTH WELLS AVENUE
RENO, NV 89512
DRAWING TITLE: TITLE SHEET

SHEET NUMBER: T-1

GENERAL CONSTRUCTION NOTES

- ALL WORK DIMENSIONS, QUANTITIES & LOCATIONS ARE APPROXIMATE. LIMITS OF WORK ITEMS WILL BE MARKED PRIOR TO THE START OF CONSTRUCTION.
- PROOF ROLLING AND STONE UNDERCUT (AS NECESSARY) ARE TO TAKE PLACE PRIOR TO REPLACEMENT OF MATERIALS.
- CONTRACTOR IS RESPONSIBLE FOR THE LOCATIONS & PROTECTION OF ALL PUBLIC & PRIVATE UTILITIES. ALL LOCATIONS OF EXISTING UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE. THERE MAY BE OTHER UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT THAT ARE NOT SHOWN.
- CONTRACTOR SHALL VERIFY ALL EXISTING STRIPING PRIOR TO STARTING WORK. ALL STRIPING IS TO BE REPLACED PER THE EXISTING LAYOUT WHICH MAY VARY FROM THE PLAN. LIMITS OF THE STRIPING WORK SHALL BE THE SAME LIMITS OF THE REHABILITATION WORK.
- THE CONTRACTOR MAY BE REQUIRED TO PERFORM ADDITIONAL ASPHALT PATCHING AS DETERMINED BY THE CONSULTANT.
- PAVEMENT MILLING OR SAWCUTTING OPERATION SHALL BE PERFORMED AT ALL PAVEMENT REHABILITATION LIMITS. RESAW ANY LIMITS DAMAGED BY CONSTRUCTION. SAWCUTTING (WET) CLEAN UP IS REQUIRED WITHIN 100' OF PEDESTRIAN ROUTES AND BUILDING ENTRANCES AND SHALL BE COMPLETED IMMEDIATELY UTILIZING A VACUUM SYSTEM.
- PHASING, JOINT PATTERNS, AND TRAFFIC CONTROL DETAILS ON THIS DRAWING MAY NOT REFLECT APPROVED FIELD ADJUSTMENTS.

N WELLS AVE.

SUTRO ST.

Pavement Plan



GENERAL TRAFFIC CONTROL NOTES

- ALL SIGNS ARE TO BE ORANGE WITH BLACK LETTERS UNLESS OTHERWISE NOTED.
- SIGNS ARE TO BE PROFESSIONALLY MADE OF HIGH INTENSITY SHEETING AND APPROVED BY THE CONSULTANT PRIOR TO INSTALLATION.
- CONTRACTOR WILL PROVIDE ADDITIONAL TRAFFIC CONTROL OR MODIFICATIONS BELIEVED NECESSARY IN INTERESTS OF JOB SITE SAFETY AND MAINTAIN ALL TRAFFIC CONTROL ON A 24/7 BASIS.

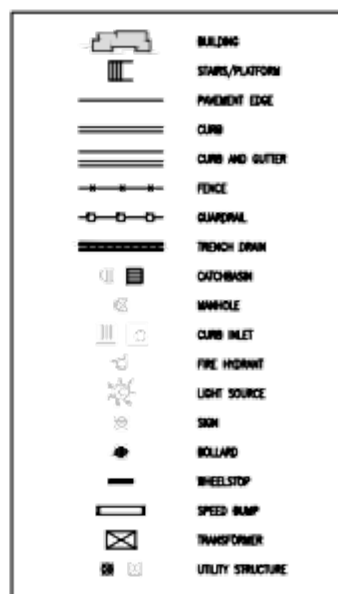
NOTE: SEE SHEET D-1 FOR REHABILITATION LEGEND

DRAWING RECORD			
REV. NO.	DESCRIPTION	DATE	BY
RELEASED		05/03/19	MCO

PROJECT LEGEND



SITE LEGEND



GENERAL DRAWING NOTE:

THIS DRAWING IS INTENDED FOR ORIENTATION, APPROXIMATE CONFIGURATION AND LOCATION OF DETAILS. CONTRACTOR SHALL FIELD VERIFY ALL ITEMS FOR BIDDING AND INSTALLATION PURPOSES.

File: J:\Reno-Sparks Convention Center - REN-Reno-NV_19RENRENCP001\BDWG\19RENRENCP001\BD01.dwg Time: May 03, 2019 - 2:33pm

DATE:	05/03/19
DRAWN BY:	M. COFFE
CHECKED BY:	R. TIMMERMAN
DESIGNED BY:	P. DEVORSE
PROJECT NO.:	19RENRENCP001\BD01.dwg

CLIENT: RENO-SPARKS CONVENTION AND VISITORS AUTHORITY

PROJECT: RENO-SPARKS LIVESTOCK EVENTS CENTER

ADDRESS: 1350 NORTH WELLS AVENUE

CITY: RENO, NV 89512

DRAWING TITLE: 2019 PAVEMENT REHABILITATION

SHEET NUMBER: P-1

ORIGINAL SHEET SIZE: 36 x 24

REHABILITATION LEGEND

BASE BID - NORTH LOT PM

PAVEMENT RESTORATION AND LEGEND

- ORIGINAL** A = 2.41 ASPHALT PAVEMENT RESTORATION - 3" DEPTH
- ORIGINAL** B = 2.34b ASPHALT PAVEMENT REPAIR (SKIN) - 1-1/2" DEPTH
- ORIGINAL** C = 2.34b ASPHALT PAVEMENT REPAIR (SKIN) - 1-1/2" DEPTH

PAVEMENT RESTORATION LEGEND

PAVEMENT NO.	DEPTH (IN.)	WIDTH (FT.)	LENGTH (FT.)
A01	3	4	27
A02	3	54	62
A03	3	24	45
A04	3	58	59
A05	3	18	43
A06	3	18	38
A07	3	24	60
A08	3	20	23
A09	3	32	160
A10	3	50	62
A11	3	7	13
A12	3	32	36

PAVEMENT RESTORATION LEGEND

PAVEMENT NO.	DEPTH (IN.)	WIDTH (FT.)	LENGTH (FT.)
B01	1.5	3	24
B02	1.5	18	43
B03	1.5	12	24
B04	1.5	18	43
B05	1.5	29	60
B06	1.5	9	80
B07	1.5	18	45
B08	1.5	18	24
B09	1.5	20	24
B10	1.5	18	20
B11	1.5	24	50
B12	1.5	27	36
B13	1.5	13	63
B14	1.5	3	55
B15	1.5	25	81
B16	1.5	24	62
B17	1.5	9	38
B18	1.5	24	63
B19	1.5	24	80
B20	1.5	28	38
B21	1.5	24	80
B22	1.5	24	72
B23	1.5	42	108
B24	1.5	42	60
B25	1.5	14	30
B26	1.5	27	43
B27	1.5	28	170
B28	1.5	36	62
B29	1.5	18	62
B30	1.5	27	62
B31	1.5	9	103

PAVEMENT RESTORATION LEGEND

PAVEMENT NO.	DEPTH (IN.)	WIDTH (FT.)	LENGTH (FT.)
C01	1.5	24	65
C02	1.5	24	27
C03	1.5	18	19
C04	1.5	24	36
C05	1.5	36	38
C06	1.5	24	36
C07	1.5	5	62
C08	1.5	38	85
C09	1.5	9	24
C10	1.5	24	80
C11	1.5	38	80
C12	1.5	9	24
C13	1.5	24	32
C14	1.5	18	38
C15	1.5	8	24
C16	1.5	12	24
C17	1.5	36	38
C18	1.5	24	35
C19	1.5	24	28
C20	1.5	8	12
C21	1.5	38	72
C22	1.5	38	72
C23	1.5	13	25
C24	1.5	42	60

1.11 PAVEMENT MARKING APPLICATION - PLAN AREAS NOT PATCHED

3.50c CONCRETE VALLEY GUTTER RESTORATION - 38" WIDE

REHABILITATION LEGEND

BASE BID - NORTH LOT PM

PAVEMENT RESTORATION AND LEGEND

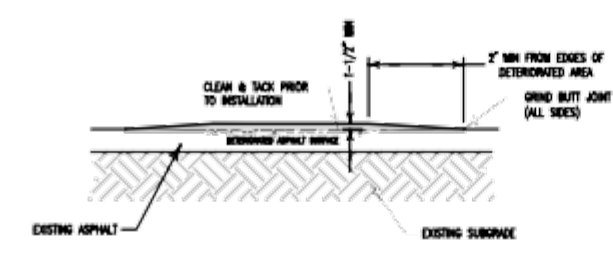
- ORIGINAL** D = 2.34c ASPHALT PAVEMENT REPAIR (SKIN) - 1-1/2" DEPTH

PAVEMENT RESTORATION LEGEND

PAVEMENT NO.	DEPTH (IN.)	WIDTH (FT.)	LENGTH (FT.)
D01	1.5	2	30
D02	1.5	2	44
D03	1.5	2	26
D04	1.5	2	30
D05	1.5	2	81
D06	1.5	2	29
D07	1.5	2	30
D08	1.5	2	37
D09	1.5	2	38
D10	1.5	2	24
D11	1.5	2	75
D12	1.5	2	37
D13	1.5	2	51
D14	1.5	2	42
D15	1.5	2	28
D16	1.5	2	28
D17	1.5	2	26
D18	1.5	2	15
D19	1.5	2	27
D20	1.5	2	28
D21	1.5	2	14
D22	1.5	2	23
D23	1.5	2	24
D24	1.5	2	42
D25	1.5	2	45
D26	1.5	2	51
D27	1.5	2	16
D28	1.5	2	68
D29	1.5	2	50
D30	1.5	2	16
D31	1.5	2	43
D32	1.5	2	12
D33	1.5	2	40
D34	1.5	2	45
D35	1.5	2	15
D36	1.5	2	26
D37	1.5	2	70
D38	1.5	2	50
D39	1.5	2	43
D40	1.5	2	38
D41	1.5	2	45
D42	1.5	2	26
D43	1.5	2	40
D44	1.5	2	58
D45	1.5	2	37
D46	1.5	2	100
D47	1.5	2	22
D48	1.5	2	30
D49	1.5	2	58
D50	1.5	2	25
D51	1.5	2	27
D52	1.5	2	29
D53	1.5	2	46
D54	1.5	2	42
D55	1.5	2	16
D56	1.5	2	28
D57	1.5	2	23
D58	1.5	2	23
D59	1.5	2	36
D60	1.5	2	13
D61	1.5	2	23
D62	1.5	2	10
D63	1.5	2	25
D64	1.5	2	19
D65	1.5	2	41
D66	1.5	2	25
D67	1.5	2	48
D68	1.5	2	32
D69	1.5	2	29
D70	1.5	2	47
D71	1.5	2	36
D72	1.5	2	47
D73	1.5	2	18
D74	1.5	2	32
D75	1.5	2	28
D76	1.5	2	25
D77	1.5	2	40
D78	1.5	2	43
D79	1.5	2	32
D80	1.5	2	12
D81	1.5	2	42
D82	1.5	2	25
D83	1.5	2	100
D84	1.5	2	55
D85	1.5	2	24
D86	1.5	2	37
D87	1.5	2	22
D88	1.5	2	30
D89	1.5	2	51
D90	1.5	2	37
D91	1.5	2	17
D92	1.5	2	36
D93	1.5	2	48
D94	1.5	2	47
D95	1.5	2	34

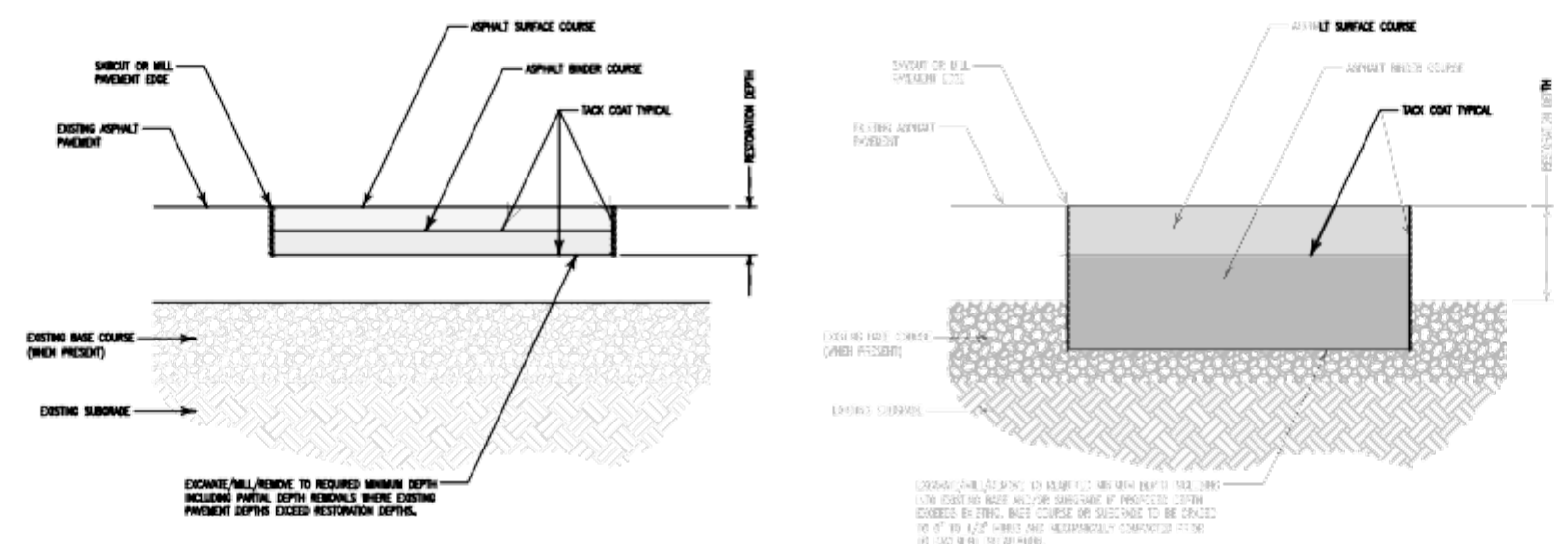
NOTES

- CONTRACTOR SHALL TAKE FIELD MEASUREMENTS OR OTHERWISE ESTABLISH A SURVEY OF THE EXISTING STRIPING IN ALL WORK AREAS IN ORDER TO ESTABLISH ALL EXISTING PAVEMENT MARKINGS WITH FULL COORDINATION OF NEW MARKINGS PROPOSED ON THIS PLAN.
- UNLESS OTHERWISE INDICATED ON THE PLANS, THE CONTRACTOR SHALL ESTABLISH PAVEMENT MARKINGS FOR ALL FIRE LANES, DIRECTIONAL ARROWS, STOPBARS, CROSS WALKS, CURBS, SIDEWALK, LIGHT POLE BASES, SIGN BASES, ADA PARKING SYMBOLS AND PARKING STALLS TO MATCH THE EXISTING SITE WITHIN THE REPAIR LIMITS.
- IN AREAS NOT BEING RE-SURFACED BUT REQUIRING RE-STRIPING, WHERE PATTERN IS CHANGING, CONTRACTOR SHALL REMOVE EXISTING STRIPING.
- CONTRACTOR TO USE APPROPRIATE PAINT COLORS TO MATCH THE EXISTING FEATURES. ADA BARRIER FREE AREAS TO COMPLY WITH ALL LOCAL AND FEDERAL ADA STANDARDS. PAVEMENT MARKINGS SHALL BE A HIGH QUALITY PAINT RECOMMENDED BY THE PAINT MANUFACTURER. PAINT COLORS SHALL CLOSELY MATCH THE FEDERAL STANDARD 595B COLOR NUMBER AS FOLLOWS: BLUE-COLOR 15180, WHITE-COLOR 37925 AND YELLOW-COLOR 33538.



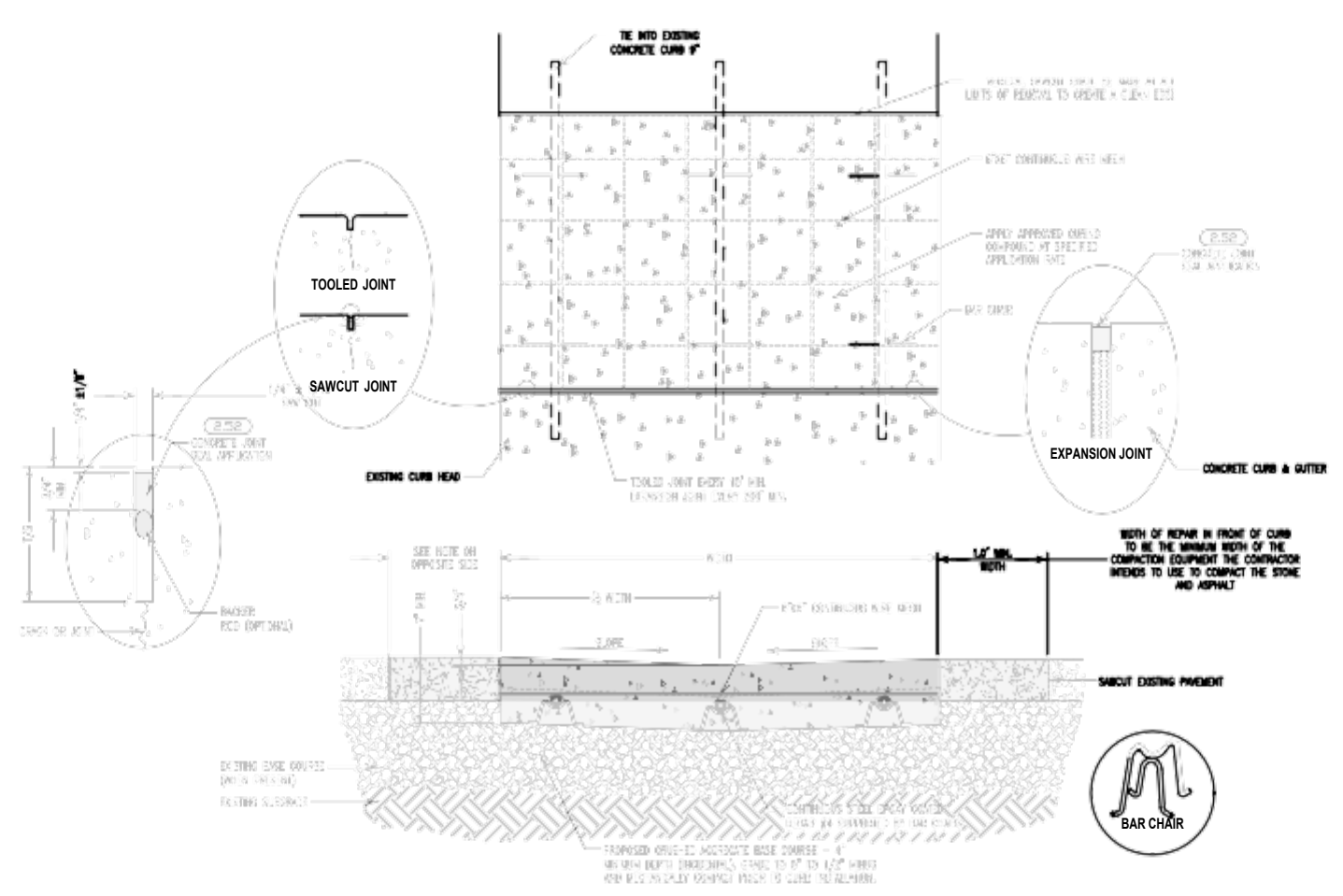
2.34b ASPHALT PAVEMENT SKIN REPAIR NO SCALE

1.11 PAVEMENT MARKING APPLICATION NO SCALE



2.41 - ASPHALT PAVEMENT RESTORATION	MINIMUM INSTALLATION DEPTH/THICKNESS CHART				
	2" DEPTH	3" DEPTH	4" DEPTH	6" DEPTH	8" DEPTH
SURFACE COURSE MINIMUM DEPTH	2"	3"	2"	2"	2"
BINDER(COARSE) COURSE(S) MINIMUM DEPTH	N/A	N/A	2"	4"	3" + 3"

2.41 ASPHALT PAVEMENT RESTORATION NO SCALE



3.50c CONCRETE VALLEY GUTTER RESTORATION NO SCALE

REV. NO.	DESCRIPTION	DATE	BY
1	RELEASED	05/03/19	MCO
2			
3			
4			

GENERAL DRAWING NOTE:
THIS DRAWING IS INTENDED FOR ORIENTATION, APPROXIMATE CONFIGURATION AND LOCATION OF DETAILS. CONTRACTOR SHALL FIELD VERIFY ALL ITEMS FOR BIDDING AND INSTALLATION PURPOSES.

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DRAWING TITLE: REHABILITATION LEGENDS & DETAILS

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