

# ADDENDUM NUMBER THREE

## ASPHALT REPLACEMENT AT CAJON PARK SCHOOL

### SANTEE SCHOOL DISTRICT

BID #2021-075-001

DATE: January 28, 2020

General - All project documents including contract documents, drawings, and specifications, shall remain unchanged with the exception of those elements added, revised, deleted, or clarified by this addendum. **Acknowledge receipt of Addendum Number THREE in the appropriate place provided on the Bid Form**

<b>ITEM NO. 1 ADDENDUM THREE</b>	<b>REPLACE BID FORM WITH REVISED BID FORM, ADDENDUM 3</b>
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- A) Replace Bid form with revisions the wording as to what is required to bid on including:
1. Base Bid: Remove all existing Asphalt, including Petromat, and Replace with New Materials per Site Map.
  2. Additive Alternate #1: Add New Asphalt with New Materials per Site Map.
  3. Add Allowance For Unforeseen Conditions.
  4. Unit Cost for 100 Sq. Ft. of Asphalt 3" over 6" in Base Bid (Not Included in Bid Amount).
  5. Unit Cost for 100 Sq. Ft. of Asphalt 3 ½" in Additive Alternate #1 (Not Included in Bid Amount).

<b>ITEM NO. 2 ADDENDUM THREE</b>	<b>REPLACE SITE MAP WITH REVISED SITE MAP ADDENDUM 3, ATTACHED.</b>
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- A) See Revised Site Map to clarify the following information:
1. Base Bid Pavement section consists of aggregate of the prepared subgrade soils: AC 3" over 6" base.
  2. Additive Alternate pavement section consists of 3 ½" AC Thickness.

<b>ITEM NO. 3 ADDENDUM THREE</b>	<b>REPLACE SPECIFICATIONS: SECTION 02511 – ASPHALT CONCRETE PAVING, PAGE 1, SECTION 1.01, Item B. No.'s 7 &amp; 8 have been deleted.</b>
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<b>ITEM NO. 4 ADDENDUM THREE</b>	<b>CLARIFICATION OF TIME ALLOWANCE ADJUSTMENT IN CONTRACT (NO CHANGES TO CONTRACT). THE CONTRACT WILL ALLOW SIXTY-FIVE (65) CALENDAR DAYS TO COMPLETE THE PROJECT.</b>
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**SEE NEXT PAGE**

A) **ARTICLE 2. TIME FOR COMPLETION.** The Work shall be commenced on the date stated in the District's Notice to Proceed. As specified in District's notice to proceed, the work shall be completed within:

Date of Contract Award:	March 3, 2020
Construction to Begin:	June 11, 2020
Ending Date	: August 14, 2020*

The Contractor shall complete all Work required by the Contract Documents within \*sixty-five (65) calendar days from the commencement date stated in the Notice to Proceed. By its signature hereunder, Contractor agrees the time for completion set forth above is adequate and reasonable to complete the work.

**END OF ADDENDUM THREE  
SANTEE SCHOOL DISTRICT  
ASPHALT REPLACEMENT AT CAJON PARK SCHOOL  
BID #2021-075-001**

**BID #2021-075-001  
ASPHALT REPLACEMENT  
AT CAJON PARK SCHOOL**

**BID FORM**

**To be returned with bid documents:**

**NAME OF BIDDER:** \_\_\_\_\_

Business Name: \_\_\_\_\_

Contact Name: \_\_\_\_\_

Business Address: \_\_\_\_\_

\_\_\_\_\_

Phone Number: (\_\_\_\_\_) \_\_\_\_\_

FAX: (\_\_\_\_\_) \_\_\_\_\_

E-Mail Address: \_\_\_\_\_

Company Website: \_\_\_\_\_

The undersigned, hereby declare that we have carefully examined the location of the proposed Work, and have read and examined the Contract Documents, including all plans, specifications, and all addenda, if any, for the following Project:

We hereby propose to furnish all labor, materials, equipment, tools, transportation, and services, and to discharge all duties and obligations necessary and required to perform and complete the Project for the following TOTAL BASE PRICE PLUS ALTERNATES:

**PLEASE GO TO NEXT PAGE:**

	<b>BID PRICE (IN WRITTEN FORM)</b>	<b>BID PRICE (IN NUMBERS)</b>
	Said Sum includes all applicable taxes and costs	Said Sum includes all applicable taxes and costs
<b>BASE BID: REMOVE ALL EXISTING ASPHALT, INCLUDING PETROMAT, AND REPLACE WITH NEW MATERIALS PER SPECIAL CONDITIONS SITE MAP</b>		\$ _____
<b>ADDITIVE ALTERNATE #1: ADD NEW ASPHALT WITH NEW MATERIALS PER SPECIAL CONDITIONS SITE MAP</b>		\$ _____
<b>ADD ALLOWANCE FOR UNFORESEEN CONDITIONS</b>		\$ <u>50,000.00</u>
<b>TOTAL BID (INCLUDES ALTERNATE &amp; ALLOWANCE)</b>		\$ _____
<b>UNIT COST FOR 100 SQ. FT. OF ASPHALT 3" OVER 6" IN BASE BID (NOT INCLUDED IN BID AMOUNT)</b>		\$ _____
<b>UNIT COST FOR 100 SQ. FT. OF ASPHALT 3 1/2" IN ADDITIVE ALTERNATE #1 (NOT INCLUDED IN BID AMOUNT)</b>		\$ _____

The lowest bid shall be the lowest total base price plus alternates. The bid will be awarded to only one bidder.

In case of discrepancy between the written price and the numerical price, the written price shall prevail.

The undersigned agrees that this Bid Form constitutes a firm offer to the District which cannot be withdrawn for the number of calendar days indicated in the Notice Inviting Informal Bids from and after the bid opening, or until a Contract for the Work is fully executed by the District and a third party, whichever is earlier.

The Contract duration shall commence on the date stated in the District's Notice to Proceed, and shall be completed by the Contractor in the time specified in the Contract Documents. In no case shall the Contractor commence construction prior to the date stated in the District's Notice to Proceed.

Bidder certifies that it is licensed in accordance with the law providing for the registration of Contractors,

License No. \_\_\_\_\_, Expiration Date \_\_\_\_\_, class of license \_\_\_\_\_. If the bidder is a joint venture, each member of the joint venture must include the above information.

List all other classifications for this license number: \_\_\_\_\_

Bidder's DIR # \_\_\_\_\_

Bidder is to indicate if they are a Certified DVBE Contractor (Attached is a copy of DVBE Certification Letter issued by OSBCR)

\_\_\_\_\_ Yes \_\_\_\_\_ No

Bidder is to indicate if a Good Faith Effort was made to include DVBE Subcontractors and suppliers in the Bid:

\_\_\_\_\_ Yes \_\_\_\_\_ No

The undersigned acknowledges receipt, understanding and full consideration of the following addenda to the Contract Documents.

Addenda No. \_\_\_\_\_

Addenda No. \_\_\_\_\_

Addenda No. \_\_\_\_\_

1. The required bid security is attached hereto or bidder's bid will be rejected as nonresponsive.
2. The required Designation of Subcontractors is attached hereto or bidder's bid will be rejected as nonresponsive.
3. The required Designation of DVBE Subcontractors is attached hereto.
4. The required Contractors Statement Regarding Maintaining a Drug Free Workplace is attached hereto or bidder's bid will be rejected as nonresponsive.
5. The required NOTARIZED Non-Collusion Affidavit is attached hereto or bidder's bid will be rejected as nonresponsive.
6. The required Worker's Compensation Certificate is attached hereto or bidder's bid will be rejected as nonresponsive.
7. The required NOTARIZED Fingerprint Requirement Application is attached hereto or bidder's bid will be rejected as nonresponsive.
8. The required bid security in the amount of not less than 10% of the Total Bid Price is attached hereto or bidder's bid will be rejected as nonresponsive.
9. The required NOTARIZED Asbestos-Free Materials Certification is attached hereto or bidder's bid will be rejected as nonresponsive.
10. The required Information of Bidders (List of Current Projects & List of Completed Projects) is attached hereto.

I hereby certify under penalty of perjury under the laws of the State of California, that all of the information submitted in connection with this Bid and all of the representations made herein are true and correct.

Name of Bidder \_\_\_\_\_

Signature \_\_\_\_\_

Name and Title \_\_\_\_\_

Dated \_\_\_\_\_







**Path of Travel**

- 
**BASE BID: AC 3" over 6"**
- 
**ADD ALT #1: 3½" AC Thickness**

- 
**2" x 6" Redwood Header**
- 
**90', 6" Curb**
- 
**2" x 4" Redwood Header**

**Cajon Park School**  
**10300 N. Magnolia Ave.**  
**Santee, CA 92071**

Bid 2021-075-001  
 Addendum 3

**SECTION 02511**

**ASPHALT CONCRETE PAVING**

**PART 1 - GENERAL**

1.01 SUMMARY

- A. Section includes: Asphaltic concrete paving as indicated on the Drawings and specified herein.
- B. Principal items of Work:
  - 1. Preparation of subgrade
  - 2. Soil sterilization
  - 3. Aggregate base course
  - 4. Asphaltic surfacing materials
  - 5. Mixing asphaltic concrete material
  - 6. Placing asphaltic concrete pavement
  - 7. ~~Flood test~~
  - 8. ~~Seal coat~~
  - 9. Parking stall striping and markings.
  - 10. Redwood headers
  - 11. Carstops (when indicated on the Drawings only).
  - 12. Playcourt markings, painting.
- C. Related Sections:
  - 1. Storm Water Pollution Prevention Plan, Section 01355
  - 2. Earth subgrade preparation for asphaltic paving: Section 02200-Earthwork.
  - 3. Storm Drains and Drainage Structures, Section 02721
  - 4. Painting, Section 09900

1.02 PERFORMANCE REQUIREMENTS

- A. Establishment of Grades:

1. The Contractor shall be responsible for finished elevation grade stakes and other surveying necessary for the layout of the Work.
2. Conduct operations in such a manner that the survey stakes shall be protected as long as their need exists. Be responsible for replacement of stakes.
3. Areas having drainage gradients of 2% or more shall have elevation stakes, set with instrument, at grid intervals of 25 feet. Intermediate stakes may be set by using a tightly-drawn string line over the tops of adjacent stakes. Grade stakes must be set at all grade breaks, grade changes, etc.
4. Areas having drainage gradients of less than 2 percent shall have elevation stakes, set with instrument, at 10 foot intervals. Grade stakes must be set at all grade breaks, grade changes, etc.

1.03 SUBMITTALS:

- A. Provide the following:
1. Material Compliance Data Specifications.
  2. Material Safety Data Specifications.
  3. Copy of Installer's license.
  4. Sterilization application data and purchase receipt.
  5. Sample of aggregate for testing, if requested by engineer.
  6. Data Sheets for seal coat and paint.

1.04 QUALITY CONTROL SUBMITTALS

- A. Testing and Control of Materials:
1. Material shall meet the requirements specified herein. Laboratory tests of all of the materials will be required. If such tests meet the specified requirements, the laboratory test fees shall be paid by the Owner. If cost of subsequent tests fail to meet specified requirements, the costs of such tests shall be paid by the Contractor, and the Contractor shall immediately rectify the deficiency. Refer to Section 01410.
  2. The Owner's inspector shall test the temperature of each batch of asphaltic concrete prior to placement. If asphaltic concrete temperature is not within tolerances as set forth in this Section of the Specifications the affected batch shall be rejected. Any and all costs due to the rejected asphaltic concrete shall be the responsibility of the paving contractor.

1.05 PROJECT SITE CONDITIONS



- A. Protect existing installations: Such installations, which are shown on the plan or whose location could be reasonably inferred and which become damaged or broken by the operations, shall be repaired or replaced at no cost to Owner.

**PART 2 - MATERIALS**

2.01 MATERIALS

- A. Soil Sterilization: The soils sterilant shall be in accordance with current EPA acceptable standard and the California Department of Pesticide Regulations for soils sterilant. Sterilant shall be selected as appropriate for the environment in which is it to be placed. Contractor shall be licensed with the State of California to apply sterilant. Sterilant shall be commercial grade for commercial application. Contractor may obtain a list of acceptable sterilants from the District prior to bidding project.
- B. Base and Aggregate Base:
  - 1. Base and Aggregate base shall conform to the State of California, Department of Transportation (CALTRANS) Standard Specifications, Current Addition. All base, whether called out as aggregate base or base shall be in conformance with CALTRANS Section 26 for Class 2 Aggregate Base, 3/4-inch maximum, with the exception of the percentage of recycled material. The maximum percentage of recycled material allowable shall not exceed 50% of the total volume of aggregate used.
  - 2. Base and Aggregate Base shall be provided by a licensed commercial materials supplier. Certifications shall be submitted with each submittal. Use of on-site asphalt materials in aggregate base or base is strictly prohibited. The use of Crushed Miscellaneous Base is strictly prohibited.
- C. Asphalt Concrete: Shall be produced by a commercial asphalt paving plant. Mineral aggregate and asphalt concrete production shall conform to the locally prevailing State Standard Specifications.
  - 1. Paving asphalt shall be according to page 64, and shall meet the requirements set forth in The Asphalt Institute publication PCD-7, Asphalts - Paving, Liquid and Emulsified.
  - 2. The aggregate gradation shall be proportioned by weight within the following sieve size limits:

<u>Square Openings</u>	<u>Percentage Passing</u>
3/4"	100
1/2"	90-100
3/8"	75-90
No. 4	53-68
No. 8	40-50
No. 30	20-32
No. 200	3-8

- D. Seal Coat shall be one of the following:
1. "Huntseal" by Industrial Asphalt
  2. "Plush-Tex" by Koch Asphalt Company
- E. All stripes and markings shall be painted with two (2) coats of pavement parking paint by Dunn-Edwards, W-801 Traffic Paint. Paint curb red at fire lanes. Asphaltic concrete seal coat shall be in place a minimum of 10 days before applying paint.
1. ICI 160 Vinyl Traffic Paint
  2. Dunn-Edwards W-801 Traffic Paint
  3. Frazee 502 Vinyl Traffic Paint
  4. Morton Traffic Markings
  5. Painted lines and marking on pavements to be 3 inches minimum in width and playground white. Paint to be slip resistant and provide a minimum 0.6 static coefficient of friction.
- F. Redwood headers shall be 2 inch by 8 inches construction heart grade redwood except that the headers on curves shall be laminated 1 inch by 8 inches. Use 18 inch steel stakes to secure headers at 24 inches on center.

### **PART 3 - EXECUTION**

#### **3.01 FINAL PREPARATION OF SUBGRADE**

- A. Immediately prior to placing base or aggregate base, the subgrade shall be scarified to a depth of at least 12 inches, moistened, and the entire area thoroughly compacted by rolling to obtain a smooth, hard, even surface of 95 percent compaction at bus drop off and fire lane and 90 percent compaction elsewhere to receive the base or aggregate base. The subgrade shall be finished to the required grades with due allowance being made for the thickness of base course and finished surfacing to be placed thereon.
- B. Subgrade for the pavement structures shall not vary more than  $\pm 0.04$  feet from the specified grade and cross section.
- C. Areas inaccessible to power rolling or areas that cannot be compacted properly with power rollers shall be compacted with vibrating compactors or other suitable mechanical means which shall produce a firm foundation for the paving structure.

#### **3.02 SOIL STERILIZATION**

- A. The Contractor shall take whatever precautions are necessary to prevent contamination of adjacent soil areas with sterilant and for the protection of personnel. Sterilant shall not be applied within two feet of planting areas.
- B. Certification shall be furnished to the Architect, showing the purchase receipt and rate of application of the material. Payment for soil sterilization will include full compensation for application and all materials and incidental work required.

### 3.03 AGGREGATE BASE OR BASE

- A. The base material shall be placed upon the finished subgrade after the subgrade has been properly prepared as herein specified. The base shall be wetted and compacted. Compaction shall be obtained by use of an approved power roller weighing not less than 10 tons. The quantity of water applied shall be that amount which shall assure optimum moisture under proper compaction, resulting in a relative compaction of not less than 95 percent, care being exercised in connection with the watering operations to avoid wetting the subgrade to a detrimental extent. The base material shall be of the thickness indicated on the plans upon final compaction. The finished surface shall be hard, uniform, and smooth and shall conform to the lines, grades, and cross section shown on the drawings.

### 3.04 DEFINITIONS

- A. For the purpose of compacting procedures the following definitions are used:
  - 1. Initial or Breakdown Rolling: The first coverage of a roller on asphalt concrete after the material has been placed to line and grade.
  - 2. Intermediate Rolling: The rolling performed immediately after the initial rolling. When completed, the pavement should meet job density requirements.
  - 3. Compaction Rolling: Including initial and intermediate rolling.
  - 4. Finish Rolling: The final rolling necessary to obtain the desired surface texture and eliminate roller marks. No further densification is anticipated in this operation.
  - 5. Coverage: The number of movements of a roller required to cover the entire width being paved at least once.
  - 6. Steel-Wheel Roller: A 2-wheel steel tandem roller weighing 8 to 10 tons.
  - 7. Pneumatic-tired Roller: A rubber-tired roller equipped with tires a minimum 7.50 x 15 in size, capable of being ballasted up to 12 tons.
  - 8. Vibratory Roller: A vibratory roller capable of imparting a dynamic force of at least 21,000 pounds.

9. Maximum Laboratory Density: Density achieved on a sample of a material taken from a specific location at the job site under working conditions. This density can be obtained using the California Kneading Compactor per Test Method No. Cal. 304.
- B. Prior to paving, furnish manufacturer's certificates or literature demonstrating that rollers meet requirements specified above. Prior to paving, state which procedure will be used and do not change that procedure without the Engineer's approval.

3.05 PRIMARY LIFT SPREADING AND COMPACTION

- A. Asphalt concrete in excess of 2 inches in thickness, shall be placed in two (2) lifts, a primary lift, and a surface course. Surface Course shall be a minimum of 1 inch thick.
- B. Asphalt concrete shall be delivered to the project site at a temperature of not less than 260 degrees F. nor more than 320 degrees F.
- C. The depositing, distributing, and spreading of asphalt concrete shall be accomplished in a single, continuous operation by means of a self-propelled paving machine, motor grader, spreader box, rock spreader, or similar equipment.
- D. Prior to spreading, a tack coat shall be applied to the vertical face of all curbs, gutters, and structures which will butt against the new pavement. A tack coat is required between courses if surface has been contaminated by dirt or oxidized by extended exposure. A diluted SS-type emulsion shall be used for tack coat and shall meet the requirements set forth in The Asphalt Institute publication PCD-7, Asphalts - Paving, Liquid and Emulsified.
- E. Certification: Provide certification that the asphalt aggregate mixture has at least 80 percent of compacted density values equal to or greater than 96 percent - and 100 percent equal to or greater than 95 percent - of a laboratory specimen prepared by the appropriate test method from a sample taken from a truck delivering mixture to the job site. Field density of compacted asphalt concrete shall be determined by:
  1. A properly calibrated nuclear asphalt testing device in the field, or
  2. ASTM D-1188 when slabs or cores are taken for laboratory testing. Zinc stearate may be substituted for paraffin.
  3. In case of dispute, the procedure described under Sub-Item E (2.) above shall be used. Combination of rollers shall be allowed under this procedure.
- F. Steel-Wheel and Pneumatic: Apply a breakdown (initial) coverage with a steel-wheel roller loaded to 10 tons. Follow by intermediate rolling consisting of a minimum of 6 coverages of a pneumatic-tired roller, the tires being inflated a minimum of 60 psi cold and a maximum of 90 psi when hot. Finish rolling may consist of one coverage of an 8-ton tandem steel-wheel roller.
- G. Steel Wheel: Apply a minimum of eight coverages with a steel-wheel roller loaded to 10 tons.

- H. Vibratory: Compaction shall consist of at least six coverages with a vibratory roller. Rolling from the center to the edge shall be permitted, and all compaction rolling shall be accomplished before the mix temperature falls below 185 degrees F. Rolling shall commence at least one foot from edge of the mat after which the roller shall be gradually advanced to the edges. Within one foot of edge, the roller on its initial coverage shall advance to the edge in 4-inch increments. The roller shall be advanced to a supported edge first, if applicable. Rolling within one foot of an unsupported edge should be delayed to minimize possible distortion but completed at such time that proper densities are obtained after the completion of rolling. No roller shall be permitted to stand motionless on portion of the work before it has been properly compacted.

3.06 SURFACE COURSE SPREADING AND COMPACTION

- A. Surface course shall be 1-inch thick.
- B. At the time of delivery to the site of work, the temperature of mixture shall not be lower than 260 degrees F. , or higher than 320 degrees F. Asphalt concrete shall not be placed when the atmospheric temperature is below 40 degrees F. or during unsuitable weather.
- C. The asphalt concrete shall be evenly spread upon the subgrade or base to such a depth that after rolling, it shall be of the specified cross section and grade of the course being constructed.
- D. The depositing, distributing, and spreading of the asphalt concrete shall be accomplished in a single, continuous operation by means of a self-propelled mechanical spreading and finishing machine designed especially for that purpose and equipped with a screed or strike-off assembly capable of being accurately regulated and adjusted to distribute a layer of the material to a definite predetermined thickness.
- E. Spreading, once commenced, must be continued without interruption. No greater amount of the mixture shall be delivered in one day than can be properly distributed and rolled during that day.
- F. Compaction is the same as outlined in Paragraph 3.05, except as noted below:
1. Steel-Wheel and Pneumatic: Apply a breakdown (initial) coverage with a steel-wheel roller loaded to 10 tons. Follow by intermediate rolling consisting of a minimum of four coverages of a pneumatic-tired roller, the tires being inflated a minimum of 60 psi cold and maximum of 90 psi when hot. Finish rolling may consist of one coverage of an 8-ton tandem steel-wheel roller.
  2. Steel-Wheel: Apply a minimum of six coverages with a steel-wheel roller loaded to 10 tons.
  3. Vibratory: Compaction shall consist of at least four coverages with a vibratory roller.

- G. As soon as the layer of asphalt concrete has been placed, it shall be thoroughly compacted by rolling. Rolling shall be commenced along the lower edge of the area to be rolled and shall be continued until the edge is thoroughly compacted, after which the roller shall be gradually advanced to the crown point, both sides being rolled in a like manner. Rolling shall be continued until the layer has become thoroughly compacted throughout and is true to grade and cross-section.
- H. Maintain rollers in good mechanical condition, and those that cannot be operated without jerking, or driven along a straight path, shall not be used. No leakage of petroleum products from roller shall be allowed to come in contact with the pavements being constructed, nor shall roller be permitted to stand motionless on portion of the work before it has been properly compacted.

Rolling surfaces shall be treated with water to prevent the adherence of the asphalt concrete, but the quantity used must not be such as to be detrimental to the surface being rolled.

### 3.07 REDWOOD HEADERS

- A. The headers shall be placed with the tops flush with the asphaltic concrete surface at all edges of the pavement except where it abuts against rigid structures, curbs, or gutters. The headers shall be backed by and nailed to 18 inch long stakes with 12 penny galvanized common nails. The redwood stakes shall be spaced not over 2 feet apart and shall be driven into the ground so that the tops are 1/2-inch below the tops of headers.

### 3.08 FLOOD TESTING

- A. Flood Test: Before seal coat is applied, a water flood test shall be done in the presence of the Inspector. The flooding shall be done by water tank truck. Depressions where the water ponds to a depth of more than 1/8-inch shall be filled, or the slope corrected to provide proper drainage. The edges of the fill shall be feathered and smoothed so that the joint between the fill and the original surface is invisible.
- B. Seal Coat: After completing the flood test and the pavement and pavement patches have **cured for 30 days**, all A.C. pavement per plans shall receive a slurry sealer applied in accordance with the manufacturer's specifications.
  - 1. Areas to receive sealer shall be swept clean, and, before application, lightly sprayed with water, leaving it cool and damp but free of excess water.
  - 2. Make a minimum of two or three applications using a total of at least 60 gallons of sealer (before dilution) per 1,000 square feet of area.
  - 3. Each coat of sealer shall be thoroughly dry before the succeeding coat is applied.
  - 4. The finished surface seal, when dry and thoroughly set, shall be smooth, tough, waterproof, resilient, of uniform black color, and free from coarse

textured areas, lap marks, ridges, and other surface irregularities. Should defect appear in the finished surface, apply as many additional coats of sealer as may be required to produce the specified finished surface at no additional cost. Protect from traffic during all operations and until the sealer is thoroughly set and cured and does not pick up under foot or wheeled traffic. When cured and set, thoroughly wash off with water to remove excess residue before applying painted markings.

5. Repair any damage caused by construction traffic.

### 3.09 BASKETBALL COURTS

- A. Place asphalt paving over foundation of basketball standards. Hold top of foundation down, equal to thickness of asphalt and base course.

### 3.10 STRIPING

- A. Pavement Marking Paint: Vinyl acrylic type for use on asphaltic concrete and Portland cement concrete. Painted lines and markings on pavement shall be 3" minimum wide and playground white.
- B. Preparation:
  1. Immediately before applying the paint, thoroughly clean the pavement surface of dust, dirt, sand, scale, water, oil, grease or other objectionable matter. Do not use solvent materials that will damage pavements as cleaning agent. Immediately before paint, give pavement surface a final cleaning by means of a power broom. Following the power brooming, use power blower containing compressed air.
  2. Provide warning devices required to protect the painting operations and the finished work.
- C. Application: Immediately following other preparation of the pavement surface, apply the striping at the rate of 100 to 110 square feet, per gallon of paint. Apply lines 3 inches wide unless otherwise indicated. Apply the stripe of the indicate or specified width with clean true edges and without sharp breaks. Repaint to the applicable specification portions of the stripe damaged by any type of traffic within 24 hours after the stripe has been applied.

### 3.11 CLEANUP

- A. Clean up the paved areas prior to acceptance of the work. Dirt, spoil, and debris of nature shall be removed, and the entire site shall present a clean, workmanlike appearance.
- B. Damage to paint work from paving or seal-coating operations shall be corrected.

**END OF SECTION**