

	Dorchester School District Two Second Addendum	Solicitation Number:	2526-010
		Date:	April 15, 2026
		Procurement Official:	Ashley Cash, CPPB
		Phone:	(843)695-5398
		E-Mail Address:	ascash@dorchester2.k12.sc.us

DESCRIPTION: Ashley Ridge High School (ARHS) Track Replacement

The Term "Offer" Means Your "Bid" or "Proposal".

SUBMIT OFFER BY **April 23, 2026 by 11:00 AM** See "Deadline for Submission of Offer" provision

QUESTIONS MUST BE RECEIVED BY: **April 6, 2026 by 5:00 PM** See "Questions from Offerors" provision

NUMBER OF COPIES TO BE SUBMITTED: See the Requirements in Section IV. **INFORMATION FOR OFFERORS TO SUBMIT**

Offers MUST be submitted in a sealed package. Solicitation Number MUST appear on package exterior.

SUBMIT A SEALED OFFER TO:

RFP # 2526-010

Dorchester School District Two

815 South Main Street

Summerville, SC 29483

Attention: Ashley Cash, Procurement Officer

See "Submitting Your Offer" provision

CONFERENCE TYPE: NON-MANDATORY	LOCATION: Ashley Ridge High School
DATE & TIME: March 30, 2026 at 10:00 AM	9800 Delemar Highway
	Summerville, SC 29485

AWARD & AMENDMENTS	Award will be posted at the Physical Address stated above on or before April 28, 2026. This solicitation, and any amendments will be posted at the DD2 Solicitation and Awards page. It is the responsibility of the offeror to check this website for amendments and notices.
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You must submit a signed copy of this form with Your Offer. By submitting a bid or proposal, You agree to be bound by the terms of the Solicitation. You agree to hold Your Offer open for a minimum of sixty (60) calendar days after the Opening Date.		
NAME OF OFFEROR (Full legal name of business submitting the offer)		OFFEROR'S TYPE OF ENTITY: (Check one) ☐ Small (15 employees or less) ☐ Women ☐ Minority ☐ Other _____ (See "Signing Your Offer" provision.)
AUTHORIZED SIGNATURE (Person signing must be authorized to submit binding offer to enter contract on behalf of Offeror named above.)		
TITLE (Business title of person signing above)		
PRINTED NAME (Printed name of person signing above)	DATE SIGNED	
Instructions regarding Offeror's name: Any award issued will be issued to, and the contract will be formed with, the entity identified as the offeror above. An offer may be submitted by only one legal entity. The entity named as the offeror must be a single and distinct legal entity. Do not use the name of a branch office or a division of a larger entity if the branch or division is not a separate legal entity, <i>i.e.</i>, a separate corporation, partnership, sole proprietorship, etc.		
STATE OF INCORPORATION (If offeror is a corporation, identify the state of Incorporation.)		
TAXPAYER IDENTIFICATION NO.		

COVER PAGE DD2

PAGE TWO

(Return Page Two with Your Offer)

HOME OFFICE ADDRESS (Address for offeror's home office / principal place of business)	NOTICE ADDRESS (Address to which all procurement and contract related notices should be sent.) (See "Notice" clause)			
	Area Code	Number	Extension	Facsimile
	E-mail Address			

PAYMENT ADDRESS (Address to which payments will be sent.)	ORDER ADDRESS (Address to which purchase orders will be sent)
☐ Payment Address same as Home Office Address ☐ Payment Address same as Notice Address (check only one)	☐ Order Address same as Home Office Address ☐ Order Address same as Notice Address (check only one)

ACKNOWLEDGMENT OF AMENDMENTS Offerors acknowledges receipt of amendments by indicating amendment number and its date of issue. See "Amendments to Solicitation" Provision	Amendment No.	Amendment Issue Date	Amendment No.	Amendment Issue Date	Amendment No.	Amendment Issue Date	Amendment No.	Amendment Issue Date

MINORITY PARTICIPATION- Are you a Minority Business Enterprise: Yes ☐ No ☐ If yes, please include a copy of your certification.
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AMENDMENTS TO SOLICITATION (a) The Solicitation may be amended at any time prior to opening. All actual and prospective Offerors should monitor the District's [Solicitation and Awards](#) page, (b) Bidders shall acknowledge receipt of any Amendment to this solicitation (1) by signing and returning the Amendment, (2) by letter, or (3) by submitting a bid that indicates in some way that the bidder received the Amendment.

SCHEDULE REVISIONS

Due to the extensive nature of the information included in this Second Addendum, the District is extending the due date for Proposal submissions according to the revised schedule below. Changes appear below and on the cover page in **RED**.

EVENT	DATES
Issuance of Request for Proposal	03/23/2026
Non-Mandatory Site Visit	03/30/2026 at 10:00 AM
Deadline for Questions	04/06/2026 by 5:00 PM
Issue Responses to Questions (anticipated)	04/15/2026
Deadline to Submit Proposal	04/23/2026 by 11:00 AM
Issue Notice of Award Statement (anticipated)	04/28/2026

REVISED COST PROPOSAL FORM

Based on conversations conducted at the Pre-Proposal Site Visit, the District is making modifications to the original solicitation that require updating the Cost Proposal Form. A revised Cost Proposal Form is included in this addendum, following the Question and Answer section. **Only the Revised Cost Proposal Form may be used in your proposal.** Changes to the Cost Proposal Form appear in **RED**.

REVISED SPECIFICATIONS

Based on conversations conducted at the Pre-Proposal Site Visit, the District is making modifications to selected sections of the original solicitation. The revised specification sections follow the revised Cost Proposal Form below. Changes appear in **RED**.

ADDITIONAL SPECIFICATIONS

Based on conversations conducted at the Pre-Proposal Site Visit, the District is also adding the following specification sections to the scope of this project, which shall now be included in the Base Project:

1. SECTION 31 23 23 AGGREGATE SUBBASE – TRACK SYSTEM
2. SECTION 32 31 16 – PRECAST TRACK CURBING
3. SECTION 33 46 16 – TRACK INTERIOR DRAINAGE

QUESTIONS & ANSWERS

1. Will you be dropping the post tensioned concrete option all together or keeping it as an alternate?

Answer: The post tension concrete base has been replaced in the Base Proposal Work with a laser-graded asphalt base. The post tension concrete base is now Alternate No. 3.

2. Can the base bid be Asphalt Track & Basemat/Structural spray system with add alternates can be for sandwich system, full pour system, post tension concrete?

Answer: The District has revised our specs to stipulate a base proposal of a laser graded asphaltic base, however the full pour synthetic surface remains unchanged.

3. Track Surface, please confirm the district is wanting costs on a full pour track, sandwich system, and sealed basemat / structural spray system (SEALED OR NON SEALED?)

Answer: The Basemat/Structural Spray system should be non-sealed.

4. Is the basemat /structural spray system to be sealed or non-sealed? There is conflicting information in the specs at a few places.

Answer: See above.

5. Warranty – please confirm the Warranty for the Full Pour and Sandwich is 8 years while the Basemat/ Structural Spray is 5 yrs.

Answer: Correct.

6. Please see the attached for Approve of the Rekortan G13 (full Pour), M (sandwich) and BSS (sealed basemat/ structural spray) if sealed is wanted and the BS if a non-sealed Basemat/Structural system is needed.

Answer: As long as the above-named systems meet or exceed the specifications of this solicitation they are acceptable.

7. The specifications list Full Pour, Latex, Sandwich, and Basemat Structure Spray track surfacing options, but the bid proposal form does not reflect all these options. Please update the bid form or advise if our company letter head is allowed.

Answer: The Cost Proposal Form includes a Full Pour system in the Base Cost, and all other systems as alternates. Only the Cost Proposal Form may be used.

8. What is the surfacing system that is to be included in the base bid?

Answer: A full pour polyurethane synthetic system that meets the specifications of this solicitation. All other systems are to be priced in the appropriate alternates.

9. The Maximum Contract Period is October 1, 2024 to September 30, 2029. Please confirm if this is correct.

Answer: This clause was inadvertently left in. The clause is hereby deleted.

10. Is a bid bond required?

Answer: No.

11. Please confirm that a bid bond is not required.

Answer: See above.

12. Please confirm if there is an existing stone base beneath the existing asphalt. If so, could the stone base be left in place and reused for the proposed track?

Answer: The District is uncertain of what condition the existing sub-base layer it is, or its composition. For the purposes of adding clarity to the cost proposal, we have added a third allowance to the Revised Cost Proposal Form for \$300,000.00 strictly for a new sub-base conforming to the specifications of this solicitation.

13. Please confirm if there are any existing track curbs? If so, is the intent to reuse them?

Answer: There are no existing concrete curbs. The Revised Base Cost Proposal now stipulates that new exterior curbs and new interior curbs and channel drains are included.

14. Will the new fence will go in the same location.

Answer: The District is removing all fencing from the scope of this project. Existing fencing is to be protected and remain in place. The District will self-perform any necessary fencing modifications after this project is completed.

15. Drawing C625 indicated black vinyl coated chain link fabric, but the specs call for galvanized. Which is the correct one?

Answer: See above.

Track Replacement for Ashley Ridge High School
9800 Delemar Highway
Summerville, SC 29485
RFP #2526-010 – **REVISED COST PROPOSAL FORM**

OFFER SUBMITTED BY: _____
(Offeror's Name)

OFFER SUBMITTED TO: Dorchester School District Two
(Owner's Name)

PROJECT NAME: Track Replacement for Ashley Ridge High School

CONTRACT NUMBER: 2526-010

OFFER

§ 1. In response to the Request for Proposals and in compliance with all terms and conditions incorporated herein for the above-named Project, the undersigned Offeror proposes and agrees, if this Offer is accepted, to enter into a Contract with the Owner on the terms included herein, and to perform all Work as specified or indicated in herein, for the prices, and within the time frames, indicated in this Request for Proposals and in accordance with the other terms and conditions of these Documents.

§ 2. NOT USED.

§ 3. In submitting this Proposal, Offeror represents that:

- a. Offeror acknowledges the receipt of the following Addenda to the RFP Documents and has incorporated the effects of said Addenda into this Proposal:

(Offeror, check all that apply. Note, there may be more boxes than actual addenda. Do not check boxes that do not apply)

ADDENDA: #1 ☐ #2 ☐ #3 ☐ #4 ☐ #5 ☐

- b. Offeror has visited the site and become familiar with, and is satisfied as to the general, local, and site conditions that may affect cost, progress, performance, and furnishing of the WORK.

§ 4. Offeror accepts all terms and conditions of the Request for Proposal, without limitation or qualification. Offeror agrees that its Proposal, including Alternates and Allowances, if any, may not be revoked or withdrawn after the closing deadline, and shall remain open for acceptance for a period of sixty (**60**) Days following the Proposal Date, or for such longer period of time that Offeror may agree to in writing upon request of the Owner.

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(CONTINUED)

§ 5. Offeror herewith offers to provide all labor, materials, equipment, tools of trade and labor, accessories, appliances, warranties and guarantees, and to pay all royalties, fees, permits, licenses and applicable taxes necessary to complete the construction work required for this project.

§ 6.1 BASE PROPOSAL WORK *(as indicated in the Solicitation Documents and generally described as follows):*

Construction, in accordance with the documents incorporated herein, **of a new resilient surface running track system, including a laser graded asphaltic base, a full pour synthetic resilient surface, interior channel drain and concrete curb, exterior concrete curb, ancillary track and field event areas (long jump, pole vault, high jump, and shot put and discus pits), and associated site work** at Ashley Ridge High School. The Base Proposal also includes the allowances described below.

Having carefully examined the RFP Documents as well as the premises and conditions affecting the work, the undersigned proposes to furnish all materials, labor, equipment and services called for by them for a lump sum consideration of:

\$ _____, which sum is hereafter called the Base Proposal.
(Offeror - insert Proposal Amount on line above)

§ 6.2 PROPOSAL ALTERNATES.

DEDUCTIVE ALTERNATE NO. 1 – To deduct the **laser graded asphaltic** base.

\$ _____, which sum is hereafter called the Alternate No. 1.

DEDUCTIVE ALTERNATE NO. 2 – To deduct the full pour synthetic surfacing.

\$ _____, which sum is hereafter called the Alternate No. 2.

ADDITIVE ALTERNATE NO. 3 – To include a **post tension concrete** base.

\$ _____, which sum is hereafter called the Alternate No. 3.

ADDITIVE ALTERNATE NO. 4 – To include a Latex based synthetic surface.

\$ _____, which sum is hereafter called the Alternate No. 4.

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(CONTINUED)

§ 6.2 PROPOSAL ALTERNATES (CONTINUED)

ADDITIVE ALTERNATE NO. 5 – To include a sandwich system synthetic surface.

\$ _____, which sum is hereafter called the Alternate No. 5.

ADDITIVE ALTERNATE NO. 6 – To include a basemat system synthetic surface.

\$ _____, which sum is hereafter called the Alternate No. 6.

ADDITIVE ALTERNATE NO. 7 – To include temporary removal and reorientation of the existing storage building, reinstallation on the existing pad (so that the roll up doors face the opposite direction), and construction of a new asphalt driveway and concrete apron to access the new door location.

\$ _____, which sum is hereafter called the Alternate No. 7.

§ 6.3 UNIT PRICING

Offeror offers the District the following unitized pricing:

No.	Item	Qty	UOM	ADD	DEDUCT
1	N/A				

Unitized pricing above includes all costs to the District.

§ 6.4 ALLOWANCES

Allowance # 1: Included in the Base Proposal shall be a general contingency allowance in the amount of \$30,000.00. Any portion of the allowance not used for this express purpose will be refunded to the District with a deductive change order at the conclusion of the project.

Allowance #2: Included in the Base Proposal shall be a landscaping allowance in the amount of \$10,000.00. Any portion of the allowance not used for this express purpose will be refunded to the District with a deductive change order at the conclusion of the project.

Allowance #3: Included in the Base Proposal shall be a sub-base allowance in the amount of \$300,000.00. Any portion of the allowance not used for this express purpose will be refunded to the District with a deductive change order at the conclusion of the project.

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(CONTINUED)

All allowances are to be included as distinct line items on the Contractor's Schedule of Values. The Contractor's Schedule of Values is a required submittal for this project and is due within 15 days of the date of issuance on the Notice of Intent to Award.

§ 7. LISTING OF PROPOSED SUBCONTRACTORS PURSUANT TO SECTION 3020(b)(i), CHAPTER 35, TITLE 11 OF THE SOUTH CAROLINA CODE OF LAWS, AS AMENDED. At the end of this form, Offerors shall list those subcontractors which Offeror intends to use to perform the work requiring the license classification and/or sub-classification listed therein. Offeror shall only use the listed subcontractors in performance of such licensed work.

§ 8. TIME OF CONTRACT PERFORMANCE AND LIQUIDATED DAMAGES

a) CONTRACT TIME

Offeror agrees that the Date of Commencement of any contract awarded pursuant to the Invitation for Bids shall be established in writing on a Notice to Proceed. **Offeror agrees to substantially complete the work within One Hundred and Twenty-One (121) calendar days of the date of commencement on the Notice to Proceed**, subject to adjustments as provided in the Contract Documents. Offeror agrees to attain Final Completion within 30 calendar days of the date of Substantial Completion.

b) LIQUIDATED DAMAGES

Offeror agrees that the Owner shall be paid Liquidated Damages the amount of **\$ 200.00** for each Calendar Day the actual construction time required to achieve Substantial Completion exceeds the specified or adjusted time for Substantial Completion. Offeror further agrees that the Owner shall be paid Liquidated Damages the amount of **\$ 100.00** for each Calendar Day the actual construction time required to achieve Final Completion exceeds the specified or adjusted time for Final Completion. This amount is intended by the parties as the predetermined measure of compensation for actual damages, not as a penalty for nonperformance.

§ 9. AGREEMENTS

a) Offeror agrees that its Proposal is subject to the requirements of the laws of the State of South Carolina.

b) Offeror agrees that at any time prior to execution of the Construction Contract for this Project, this Project may be canceled for the convenience of, and without cost to, the District.

Track Replacement for Ashley Ridge High School
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RFP #2526-010 – **REVISED COST PROPOSAL FORM**

(CONTINUED)

c) Offeror agrees that neither Dorchester School District Two, nor any of its agencies, employees or agents shall be responsible for any proposal preparation costs, or any costs or charges of any type, should all proposals be rejected or the Project canceled for any reason prior to execution of the Construction Contract.

CONTRACTOR'S CLASSIFICATIONS AND SUBCLASSIFICATIONS WITH LIMITATION

SC CONTRACTOR'S LICENSE NUMBER(S): _____

CLASSIFICATION(S) & LIMITS: _____

SUBCLASSIFICATION(S) & LIMITS: _____

By signing this Bid, the person signing reaffirms all representations and certifications made by both the person signing and the Offeror, including without limitation, those appearing in herein.

OFFEROR'S LEGAL NAME: _____

ADDRESS: _____

TELEPHONE: _____

EMAIL: _____

SIGNATURE: _____ DATE: _____

PRINT NAME: _____

TITLE: _____

SUBCONTRACTORS:

IF AWARDED THE CONTRACT, WE WILL USE THE FOLLOWING CONTRACTOR ON:

SITE WORK: _____

ADDRESS: _____

CITY, STATE: _____ LICENSE NO. _____

END OF REVISED COST PROPOSAL FORM

SECTION 011000 – SUMMARY – REVISED (04/16/2026)

PART 1 – GENERAL

1.1 WORK COVERED BY CONTRACT DOCUMENTS

- A. Project Identification: Project consists of replacing the existing track and field facilities at one (1) Dorchester School District Two high school campus.
 - 1. Project Locations:
 - a. Ashley Ridge High School, 9800 Delemar Highway, Summerville, SC 29485
 - 2. Owner:
 - a. Dorchester School District Two, 815 S. Main St., Summerville, SC 29483
- B. The Work consists of replacement of existing asphalt track and field facilities Ashley Ridge High School.
 - 1. The Work includes the following:
 - a. Demolition and removal of the existing track and asphalt base;
 - b. Installation of sub-base for the running track and adjacent field event runways and pads
 - c. Construction of a laser graded asphaltic base for the running track and adjacent field event runways and pads, or approved alternate;
 - d. Interior concrete curbing and drainage on the track;
 - e. Exterior concrete curbing on the track and adjacent field event runways and pads;
 - f. Full-pour track surfacing, or approved alternate; and
 - g. Marking/stripping

1.2 CONTRACT

- A. Project will be constructed under an AIA contract, with the District's standard revisions.

1.3 SPECIFICATION FORMATS AND CONVENTIONS

- A. Specification Format: The Specifications are organized into Divisions and Sections using the 48-division format and CSI/CSC's "MasterFormat" numbering system.
 - 1. Section Identification: The Specifications use section numbers and titles to help cross-referencing in the Contract Documents. Sections in the Project Manual are in numeric sequence; however, the sequence is incomplete. Consult the table of contents at the beginning of the Project Manual to determine numbers and names of sections in the Contract Documents.

B. Specification Content: The Specifications use certain conventions for the style of language and the intended meaning of certain terms, words, and phrases when used in particular situations.

These conventions are as follows:

1. Abbreviated Language: Language used in the Specifications and other Contract Documents is abbreviated. Words and meanings shall be interpreted as appropriate. Words implied, but not stated, shall be inferred as the sense requires. Singular words shall be interpreted as plural, and plural words shall be interpreted as singular where applicable as the context of the Contract Documents indicates.
2. Imperative mood and streamlined language are generally used in the Specifications. Requirements expressed in the imperative mood are to be performed by Contractor. Occasionally, the indicative or subjunctive mood may be used in the Section Text for clarity to describe responsibilities that must be fulfilled indirectly by Contractor or by others when so noted.
 - a. The words "shall," "shall be," or "shall comply with," depending on the context, are implied where a colon (:) is used within a sentence or phrase.

PART 2 – PRODUCTS (Not Used)

PART 3 – EXECUTION (Not Used)

END OF SECTION

SECTION 116833 – TRACK AND FIELD EQUIPMENT – REVISED (04/16/2026)

PART 1 – GENERAL

1.1 SUMMARY

- A. This section covers all labor and materials required to install the following:
 - 1. In-ground track and field equipment.
 - 2. Field event materials.
 - a. Sand.
 - b. Rock Dust.
- B. The Contractor is responsible for the purchase and installation of all sports equipment. The Track & Field Synthetic Surfacing Contractor is responsible for installation of synthetic surface in, around and on top of the specified sports equipment.

1.2 CODES AND STANDARDS

- A. Codes and standards follow the current guidelines set forth by the National Federation of State High School Associations (NFSHSA).

1.3 SUBMITTALS

- A. The following information shall be submitted prior to installation of specified work.
 - 1. Standard printed specifications and diagrams or drawings depicting installation directions and dimensions for all in-ground sports equipment.
 - 2. Installation process and requirements for subbase (stone and asphalt) and any conditions that may limit the installation or affect quality of installation.
 - 3. Material safety data sheets on all products, as necessary.
 - 4. Contractor to supply Owner with a 1-gallon sample of field event material product(s) for visual inspection and testing.

1.4 QUALITY ASSURANCE

- A. The Contractor shall only accept bids from those vendors or manufacturers that have been pre-approved or identified as approved equivalent.
- B. The Contractor shall only accept bids from those vendors or manufacturers that have been pre-approved, identified as approved equivalent or that meet the requirements as an equivalent product.

PART 2 – PRODUCTS

2.1 IN-GROUND TRACK & FIELD EQUIPMENT

- A. The Contractor is responsible to provide and install all permanent, in-ground track & field event equipment as specified by these specifications. The products must meet NFSHSA regulations.
- B. The physical make-up of these products vary across the country; therefore the Contractor shall use his best efforts to supply the Owner with a product that best meets the performance specifications listed below.
- C. The in-ground track & field equipment is available from the following:
 - 1. Sportsfield Specialties: Contact: Brian Jaeger (Southeast) Tel.: (607) 267-3621.
 - 2. UCS Spirit: Contact: Mike Chappell; Telephone: (800) 526-4856.
 - 3. Gill Athletics: Contact: Mike Cunningham; Telephone: (800) 637-3090.
- D. In-ground Equipment (Based on Sportsfield Specialties Model # or Approved Equivalent)
 - 1. Ashley Ridge High School:
 - a. One (1) cast aluminum pole vault box without the cover. Model # PVBCAW.
 - b. **One (1)** mesh cover for the sand pit. Model # SPCVRMCSTM.
 - c. One (1) discus cage with ground sleeves. Model # DCHSEA+DCHSBNS.
 - d. One (1) web style discus circle. Model # TFD.

2.2 FIELD EVENT MATERIALS

- A. Sand:
 - 1. The sand shall be washed and sized as follows:
 - a. 2008 IAAF Track & Field Facilities Manual (2.3.1.5):
 - 1) For the safety of the athletes, the sand must (to avoid hardening as a result of moisture) consist of washed river sand or pure quartz sand, without organic components, maximum 2mm granules, of which not more than 5% in weight is less than 0.2mm.
 - 2. Sand shall be free of trash, organic matter, clay, silt, and rocks.
 - a. Top 6” of Sand color to be white.

3. Sand shall have the following technical data:
 - a. Water permeability or filtration rate with a minimum of 20 inches/hour.
 - b. Bulk density of 1.55 grams per cubic centimeter.
 - c. Penetrometer Reading of 1.8 to 2.2 kg/cm².
 - d. Sand shape of high sphericity and rounded.

B. Rock Dust:

1. The shot-put landing area shall consist of a material that is firmly compacted, yet porous to allow vertical drainage. The Contractor shall provide a one-gallon sample of the proposed material for approval by the Owner prior to installation. The material shall be compacted to at least 90 percent of Standard AASHTO Density with discing, sprinkling, and rolling as necessary. All material aggregate larger than 1/4-inch in diameter that comes to the surface during discing shall be removed prior to compacting operations.
2. Rock dust shall meet the below sieve analysis

Screen No.	% Passing
3/8"	100
4	100
8	86
16	65
30	45
50	35
100	25
200	15

PART 3 – EXECUTION

3.1 INSTALLATION OF SPORTS EQUIPMENT

- A. The installation of the track and field equipment stated herein shall follow the directions of the manufacturer and/or vendor. Shop drawings must be submitted and approved prior to installation of equipment.

B. Sand:

1. The sand should be one of the last items installed on the facility to maintain the physical properties.

3.2 ADJUSTING AND CLEANING

- A. Upon completion of installation, test operation to demonstrate satisfactory operation acceptable to Owner.
- B. Clean or replace unsuitable materials.

END OF SECTION

SECTION 31 23 23 AGGREGATE SUBBASE – TRACK SYSTEM– ADDED SPECIFICATION (04/16/26)

PART 1 – GENERAL

1.1 SUMMARY

- A. Furnish and install free-draining aggregate subbase beneath asphalt track base course.
- B. Subbase shall consist of No. 57 crushed stone placed and compacted to support:
 - 1. Laser-graded asphalt base, or selected alternate;
 - 2. Synthetic track surfacing system
 - 3. Curbs and drainage systems
- C. Work includes:
 - 1. Subgrade preparation
 - 2. Aggregate placement and grading
 - 3. Proof rolling and compaction
 - 4. Fine grading to tolerances required for asphalt, or selected alternate placement

1.2 RELATED SECTIONS

- A. Section 31 20 00 – Earth Moving
- B. Section 32 12 16 – Asphalt Paving
- C. Section 32 18 23 – Athletic Track Surfacing
- D. Section 33 46 16 – Track Interior Drainage
- E. Section 31 23 19 – Dewatering
- F. Section 32 11 16 – Sub Base Course

1.3 REFERENCES

- A. ASTM C33 – Aggregates
- B. ASTM D698 – Standard Proctor
- C. ASTM D1557 – Modified Proctor
- D. AASHTO M43 – Aggregate Gradations

1.4 PERFORMANCE REQUIREMENTS

- A. Subbase shall:
 - 1. Provide a stable, non-pumping platform
 - 2. Allow rapid drainage of water
 - 3. Maintain uniform support for asphalt paving equipment
- B. Finished surface shall be suitable for laser-controlled fine grading of asphalt.

1.5 SUBMITTALS

- A. Aggregate certification showing compliance with No. 57 gradation
- B. Compaction test reports
- C. Field density and moisture reports
- D. Grade verification data

1.6 QUALITY ASSURANCE

- A. Testing agency: Independent, qualified geotechnical firm
- B. Minimum compaction: As specified below
- C. Contractor shall have experience constructing athletic track bases

PART 2 – PRODUCTS

2.1 AGGREGATE MATERIAL

- A. No. 57 crushed stone conforming to AASHTO M43:
Typical gradation:
 - 1" sieve: 100% passing
 - No. 4 sieve: 0–5% passing
- B. Material shall be:
 - 1. Crushed angular stone (not rounded river gravel)
 - 2. Clean and free of fines, clay, or organics
 - 3. Durable and non-degradable

2.2 GEOTEXTILE (IF REQUIRED)

- A. Non-woven stabilization fabric may be required over weak subgrades.
- B. Use where directed by geotechnical report or Owner.

PART 3 – EXECUTION

3.1 SUBGRADE PREPARATION

- A. Proof roll subgrade prior to placement.
- B. Undercut and replace unsuitable materials.
- C. Subgrade shall be:
 - 1. Smooth
 - 2. Firm
 - 3. Properly graded to promote drainage

3.2 PLACEMENT

- A. Place aggregate in lifts not exceeding 4 to 6 inches loose thickness.
- B. Total compacted thickness: 6 to 8 inches minimum (adjust per design).
- C. Spread uniformly without segregation.

3.3 COMPACTION

- A. Compact using vibratory rollers until stable.
- B. Target condition:
 - 1. No visible movement under equipment
 - 2. No rutting or displacement
 - 3. No “pumping” of subgrade

3.4 FINE GRADING

- A. After compaction, fine grade surface to receive asphalt base.
- B. Tolerances:
 - 1. $\pm 1/4$ inch over 10 feet
 - 2. Smooth, uniform plane suitable for laser-controlled paving
- C. Fill low areas with additional stone and recompact.
- D. Do NOT use fines to “choke” surface.

3.5 DRAINAGE COORDINATION

- A. Coordinate elevations with:
 - 1. Interior trench drain
 - 2. Track curbing
 - 3. Finished asphalt slope
- B. Maintain consistent slope toward interior drainage system.

3.6 FIELD QUALITY CONTROL

- A. Proof roll entire surface prior to asphalt placement.
- B. Areas exhibiting movement shall be:
 - 1. Removed
 - 2. Replaced
 - 3. Recompact
- C. Verify final grade prior to paving.

3.7 PROTECTION

- A. Protect subbase from contamination and disturbance.
- B. Do not allow:
 - 1. Mud intrusion
 - 2. Construction traffic beyond necessary operations

END OF SECTION

SECTION 321216 – ATHLETIC TRACK ASPHALT PAVING
(REPLACES ORIGINAL SECTION 32 12 16 IN FULL)

PART 1 – GENERAL

1.1 SUMMARY

- A. This section includes provisions for hot-mixed asphalt concrete paving over prepared subbase.
- B. This section includes provisions for replacing pavement removed during the course of the Work or damaged resulting from Contractor's operations.

1.2 REFERENCES

- A. Applicable State or Provincial Department of Transportation Standard Specifications.
- B. "Standard Specifications for Highway Materials and Methods of Sampling and Testing, American Association of State Highway and Transportation Officials (AASHTO)."
- C. "American Society for Testing and Materials (ASTM)."

1.3 SUBMITTALS

- A. Material Certificates signed by material producer and Contractor, certifying that each material item complies with or exceeds specified requirements.
 - 1. Job mix formula shall include the theoretical maximum specific gravity (Gmm) in order for the third-party testing agency to accurately calculate the in-place compaction as a % of maximum.
- B. Field Test Reports: Submit results of field testing directly to the Engineer.
- C. Track & Field Paving Experience:
 - 1. On-site Project Manager/Superintendent Qualifications:
 - a. The track and field contractor shall be a current certified track builder as part of the American Sports Builders Association (ASBA).
 - b. Provide a list of completed facilities, minimum of 5 running tracks, in the past 10 years.
 - c. The project manager/superintendent will be on-site during all track & field paving operations. Substitution of project manager/superintendent shall not be permitted.
 - 2. Track Paving Contractor Qualifications:
 - a. Track Paving Contractor shall provide a list of completed facilities, minimum of 5 running tracks, in the past 10 years.
- D. Asphalt truck delivery tickets: Contractor to collect and submit all tickets within 48 hours of delivery.
- E. Shop drawings indicating:
 - 1. Track elevations
 - 2. Slopes and drainage plans
 - 3. Paving layouts and joint locations

1.4 SITE CONDITIONS

- A. Weather Limitations: Apply tack coats when ambient temperature is above 50 DegF (10 DegC) and when temperature has not been below 35 DegF (1 DegC) for 12 hours immediately prior to application. Do not apply when base is wet or contains an excess of moisture.
- B. Construct hot-mixed asphalt concrete surface course when atmospheric temperature is above 40 DegF (4 DegC) and when base is dry. Base course may be placed when air temperature is above 30 DegF (minus 1 DegC) and rising.
- C. Grade Control: Establish and maintain required lines and elevations.
- D. In no instance shall the materials and thicknesses of pavement and subbase courses replaced be less than that removed, unless approved by the Engineer.

1.5 SEQUENCING AND SCHEDULING

- A. Coordinate the placement of asphalt concrete pavement with the completion of underground work by other trades.
- B. The asphalt top course shall be allowed to cure for 28 days prior to application of resilient track surfacing.

1.6 BASE ACCEPTANCE

- A. Asphalt paving shall not begin until subbase is verified to be stable, properly graded, and accepted by the Resilient Track Surface Manufacturer's Representative and the Owner's Representative.

1.7 WEATHER LIMITATIONS - TRACK INSTALLATION WINDOW

- A. The running track shall be completed in sufficient time to allow installation of the synthetic track system within the manufacturer's recommended weather window.
- B. Failure of the Contractor to complete the asphalt base, including the full cure time, and allow installation of the track surfacing within this window shall result in delay damages.
- C. If installation must be postponed to the following construction season due to Contractor delay, the Contractor shall be responsible for:
 - 1. Remobilization of the track surfacing installer
 - 2. Additional mobilization costs
 - 3. Surface preparation required due to weather exposure
 - 4. Associated delay costs incurred by the Owner.

1.8 FIELD TOLERANCES

Surface tolerances are critical for resilient track installations.

- A. Finished asphalt surface shall not vary more than:
 - 1. 1/8 inch in 10 feet
 - 2. 1/4 inch in 20 feet
- B. No birdbaths or depressions that allow standing water will be permitted.

1.9 WARRANTY

Contractor shall provide a non prorated warranty for all asphalt work, for materials or workmanship, for five (5) years from the date of acceptance. Warranty shall be for 100% of the cost of the labor and materials.

PART 2 – PRODUCTS

2.1 MATERIALS

- A. General: All hot mix asphalt shall be in accordance with applicable provisions of South Carolina Department of Transportation Specifications, except as herein modified.
 - 1. No RAP (Reclaimed Asphalt Pavement) content will be permitted in the asphalt wearing/surface course.
 - 2. The RAP (Reclaimed Asphalt Pavement) content in the asphalt binder course shall be 20 percent or less.
- B. The total asphalt thickness shall not be less than 4", with the binder course not less than 2.5" thick and the surface course not less than 1.5" thick.
- C. Asphalt Binder Course:
 - 1. SCDOT Intermediate Course Type B, PG64-22
- D. Asphalt Wearing/Surface Course:
 - 1. SCDOT Surface Course Type B, PG64-22
- E. Asphalt Tack Coat:
 - 1. The primer for application on asphalt surfaces (tack coat) shall be CRS-1.
 - a. Tack coat material shall be in accordance with the South Carolina Department of Transportation Specifications.

PART 3 – EXECUTION

3.1 SURFACE PREPARATION

- A. General: Remove loose material from compacted sub-base surface immediately before commencing paving operations.
- B. Proof-roll prepared subbase surface with a ten-ton static, steel-wheel roller to check for unstable areas and areas requiring additional compaction, witnessed by the Engineer at least 48 hours prior to

scheduled paving operations.

- C. Do not begin paving work until deficient subbase areas have been corrected and are ready to receive paving.
- D. Sawcut edges of existing pavement to achieve straight line transitions between old and new pavement. Make a second sawcut through the top course of existing pavement 18 inches from the first cut to provide a staggered joint.
- E. Tack Coat: Apply to contact surfaces of previously constructed asphalt or Portland cement concrete and surfaces abutting or projecting into asphalt concrete pavement. Distribute at rate of 0.03 to 0.07 gallons per square yard of surface.
- F. Allow to dry until at proper condition to receive paving.
- G. Exercise care in applying bituminous materials to avoid smearing of adjoining surfaces. Remove and clean damaged surfaces.
- H. Do not commence pavement replacement operations until all buried work beneath pavement repair has been completed to the satisfaction of the Engineer.
- I. Where trench dimensions preclude the use of proof rolling equipment, demonstrate the stability of the subgrade and subbase through other means, as acceptable to the Engineer.

3.2 PLACING AND COMPACTING MIX

- A. General: Place and compact asphalt pavement courses in accordance with applicable state or provincial department of transportation specifications unless otherwise specified. This, however, shall not relieve the Contractor of his responsibility to provide a well densified pavement. It shall be the Contractor's obligation to recognize difficulties in compacting the mix, and to make appropriate corrections.
- B. Compaction: Compact asphalt pavement courses with a static steel wheel roller only, unless otherwise approved by the Engineer, based upon work conditions.
- C. Place inaccessible and small areas by hand and compact with hot hand tampers or vibrating plate compactors.
- D. Chamfer edges of walks at 45-degree angle where walks do not abut curb.
- E. Joints: Make joints between old and new pavements, or between successive days' work, to ensure continuous bond between adjoining work. Construct joints to have same texture, density, and smoothness as other sections of asphalt concrete course. Clean contact surfaces and apply tack coat.
- F. Place tack coat between successive courses if more than 48 hours have elapsed after placing the preceding course. Apply tack coat at a rate of 0.03 to 0.07 gallons per square yard of surface.
- G. Remove and patch areas of any asphalt concrete course deemed unsatisfactory by the Engineer at the Contractor's expense. Remove hardened or set asphalt by saw cutting.
- H. Roll and compact the asphalt concrete course until the finished surface is free from depressions, waves or other defects that would prevent proper drainage. The finished surface shall be uniform in texture and appearance.

- I. Protection: After final rolling, do not permit vehicular traffic on pavement until it has cooled and hardened.
- J. Erect barricades to protect paving from traffic until mixture has cooled enough not to become marked.

3.3 FIELD QUALITY CONTROL

- A. General: Testing in-place asphalt concrete courses for compliance with requirements for thickness, surface smoothness and compaction will be done by Third Party (paid for by Contractor) testing laboratory. Repair or remove and replace unacceptable paving as directed by Engineer.
- B. Thickness: Testing agency to measure loose asphalt thickness during paving operations and compacted asphalt thickness after rolling. Above thickness measurements or in-place compacted thickness tested in accordance with ASTM D3549 will not be acceptable if exceeding following allowable variations:
 - 1. Binder and Surface Course: Plus or minus 1/4 inch.
 - 2. Cumulative Thickness Tolerances: Plus or minus 1/4 inch for nominal cumulative thicknesses less than or equal to 4 inches. Plus or minus 1/2 inch for nominal cumulative thicknesses greater than 4 inches.
- C. Surface Smoothness: Test finished surface of each asphalt concrete course for smoothness, using 10-foot straightedge applied parallel with and at right angles to centerline of paved area. Surfaces will not be acceptable if exceeding the following tolerances for smoothness:
 - 1. Binder Course Surfaces: 1/4 inch.
 - 2. Wearing Course Surface: 3/16 inch.
 - 3. Crowned Surfaces: Test with crowned template centered and at right angle to crown. Maximum allowable variance from template is 1/4 inch.
- D. Compaction:
 - 1. The average sub-lot (daily or 400 tons, whichever is less) in-place density measurement for asphalt surface course mixture shall be at least 94% of the theoretical maximum density at optimum with no single value less than 92%. Acceptable average measurements shall be made by use of a correlated nuclear density gauge per ASTM D2950. Additional testing shall be performed on any given day once 400 tons of asphalt is placed on that day.
 - 2. In-place density tests shall be in accordance with state standards for frequency and methods where the work being performed is done with a minimum of testing meeting the above compaction requirements.
- E. Check surface areas at intervals as directed by Engineer.
- F. Scuff Resistance: If, in the opinion of the Engineer, the pavement does not demonstrate reasonable resistance to deformation by punching loads and scuffing under horizontally applied shearing loads, after the pavement has cooled and hardened, the Engineer may require laboratory testing of cored pavement samples to determine the properties of the pavement; including aggregate gradation, asphalt content, air void ratio, density and any others deemed appropriate. If laboratory testing indicates that any parameters substantially deviate from the design mix tolerances specified by applicable state or provincial department of transportation, replace the affected areas of pavement at no additional cost, and reimburse the Owner for all costs incurred in procurement and testing of cores.

3.4 TRACK & FIELD REQUIREMENTS

A. Flood Testing:

1. The completed asphalt surface that will receive track & field synthetic surfacing must be flood tested in the presence of the track & field synthetic surfacing contractor to determine if any depressions require remediation prior to the installation of the track & field synthetic surfacing.

B. Track & Field Slope Requirements (NFSHSA (High School)):

1. Track Oval: Direction of running, maximum slope 1:1000 (0.1%); Cross/lateral slope (perpendicular to lane lines), outermost lane down to Lane 1, 2:100 (2.0%) maximum.
2. High Jump: Maximum slope of the approach and take-off area shall not exceed 1:100 (1.0%) downward toward the center of the crossbar.
3. Long/Triple Jump, Javelin, and Pole Vault Runways:
 - a. Direction of running/jumping, maximum slope 1:1000 (0.1%).
 - b. Cross / lateral slope (perpendicular to runway lines), 2:100 (2.0%) maximum.

END OF SECTION

SECTION 32 31 16 – PRECAST TRACK CURBING – ADDED SPECIFICATION (04/16/26)

PART 1 – GENERAL

1.1 SUMMARY

- A. Provide continuous precast concrete curb along inside and outside lanes.
- B. Curb shall serve as both athletic boundary and structural edge restraint.

1.2 PERFORMANCE REQUIREMENTS

- A. Curb shall resist displacement, cracking, and settlement.
- B. Finished installation must maintain alignment under thermal movement.

1.3 QUALITY ASSURANCE

- A. Manufacturer: minimum 5 years producing athletic curbing systems.
- B. Installers shall have demonstrated experience with track construction.

PART 2 – PRODUCTS

2.1 PRECAST CURB

- A. 4,000 psi air-entrained concrete.
- B. Dimensions: 3" height, 3" width, radiused top edge.
- C. Reinforced for durability and handling.

2.2 ACCESSORIES

- A. Stainless or galvanized anchoring dowels.
- B. Non-shrink grout and flexible joint filler.

PART 3 – EXECUTION

3.1 INSTALLATION

- A. Install on concrete footing or compacted base.
- B. Maintain smooth radius with no abrupt transitions.
- C. Top of curb to be consistent height (<1/2" above track surface).

3.2 TOLERANCES

- A. Alignment $\pm 1/4"$ per 10 ft.
- B. Elevation $\pm 1/8"$.

3.3 FIELD QUALITY CONTROL

- A. Verify no movement after installation.
- B. Replace cracked or misaligned sections.

3.4 CRITICAL PERFORMANCE REQUIREMENT

- A. Interface between curb and track must prevent water intrusion.
- B. Any ponding at curb interface must be corrected at contractor expense.

END OF SECTION

SECTION 33 46 16 – TRACK INTERIOR DRAINAGE– ADDED SPECIFICATION (04/16/26)

PART 1 - GENERAL

1.1 SUMMARY

- A. Provide continuous trench drain system along interior track perimeter.

1.2 PERFORMANCE REQUIREMENTS

- A. System must remove water rapidly with no standing water after 30 minutes.
- B. Design to accommodate 100-year storm event.

PART 2 – PRODUCTS

2.1 TRENCH DRAIN

- A. Polymer concrete or precast system.
- B. Heel-proof, locking galvanized steel grates suitable for track spikes.
- C. Load rating minimum Class B.

2.2 PIPING

- A. PVC or HDPE, minimum 6”.
- B. Installed with minimum 1% slope.

2.3 BACKFILL

- A. #57 clean stone with geotextile wrap.

PART 3 – EXECUTION

3.1 INSTALLATION

- A. Install continuous system with positive drainage.
- B. Grates flush with track surface (max 1/4” deviation).

3.2 TESTING

- A. Flood test entire system before surfacing.
- B. Correct any slow drainage or ponding.

3.3 CRITICAL PERFORMANCE REQUIREMENT

- A. Track must be free of standing water within 30 minutes after rainfall.
- B. Contractor responsible for corrections at no additional cost.

END OF SECTION