

CAPITAL IMPROVEMENT PROJECT  
– BOND UPDATE –  
HASTINGS-ON-HUDSON UFSD

APRIL 22<sup>ND</sup>, 2026



# PROPOSITION #01

**Building Conditions Survey (BCS) Items**

Update and Overview

# PROPOSITION #01

**Building Conditions Survey (BCS) Items – \$11,254,780 (All-in Costs)**

## **Middle School/High School Masonry:**

- Bid and Awarded by BoE
- Construction Start: **June 29, 2026**
- Anticipated Completion: **August 31, 2026**



## **Hillside Mechanical Improvement:**

- \*Re-Bid and Award: Fall 2026
- Construction Start: June 2027
- Anticipated Completion: August 2027



## **HS/MS Mechanical Improvements**

- Bid and Awarded with Proposition #02
- Construction Start: Summer 2027
- Anticipated Completion: Summer 2028



# PROPOSITION #02

**Farragut Complex Addition & Instructional Space**

Update and Overview

# PROPOSITION #02

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**Farragut Complex Addition & Instructional Space** – \$19,049,461 (All-in Costs)

## **Design Progression:**

- ~~Schematic Design (30%) – Complete~~
- ~~Design Development (60%) – Complete~~
- NYSED/Construction Development (90-100%) – In Progress

## **NYSED Submission**

- On Target for **June 2026 Submission**
- NYSED Review Timelines are ~2 Months for Approval as of Today
- Bid and Award Anticipated for **September>November 2026**

## **Estimating**

- Design Development Estimates are Indicating that project is trending on-budget

# PROPOSITION #03

**Athletic Fields and Site Work at Burke Estate**

Update and Overview

# PROPOSITION #03

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**Athletic Fields and Site Work at Burke Estate** – \$8,171,259 (All-in Costs)

## **Bid and Award :**

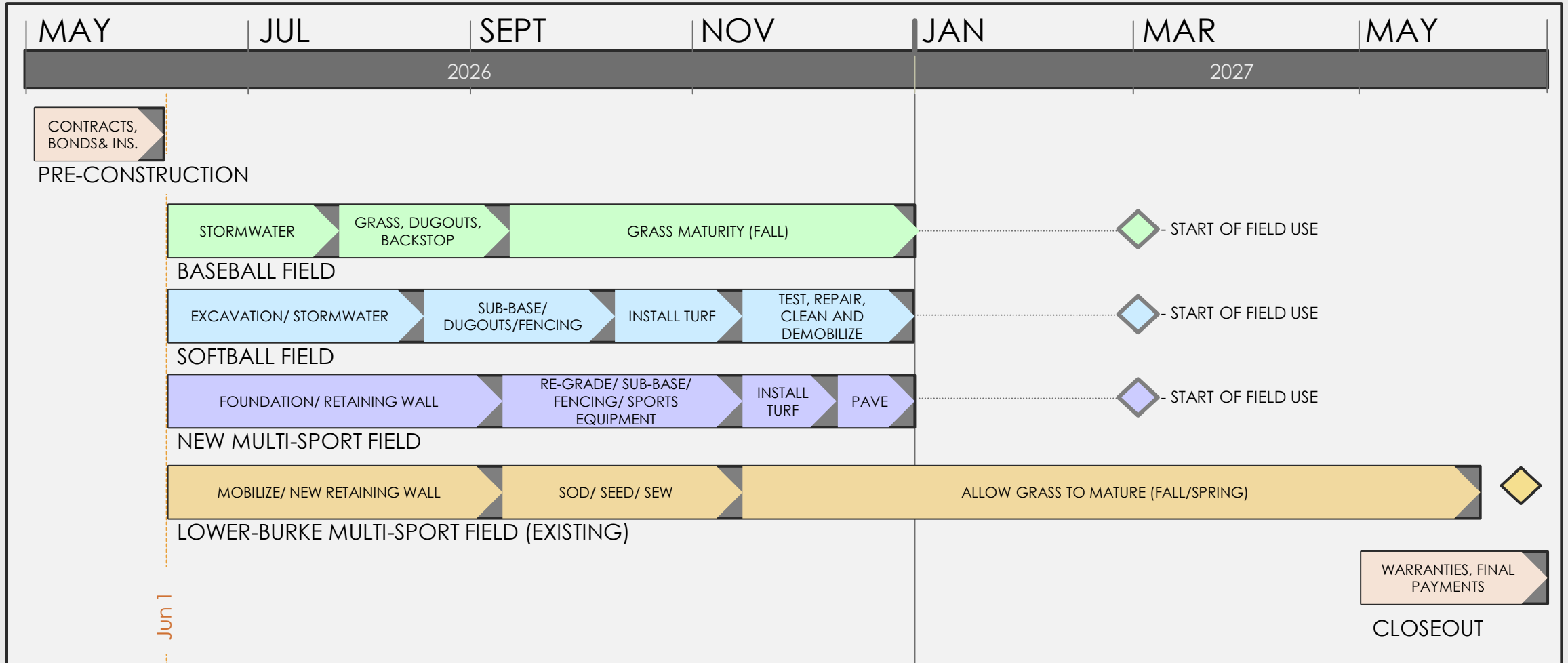
- Bid and Awarded by BoE
- Construction Start: **June 1, 2026**
- Anticipated Completion: **December 31, 2026\***

*\*Note: some areas –like the lower multi-sport field- will require stabilization of grass throughout Spring 2027*



# PROPOSITION #03

## Athletic Fields and Site Work at Burke Estate – Detailed Schedule:



- 1 Baseball Field

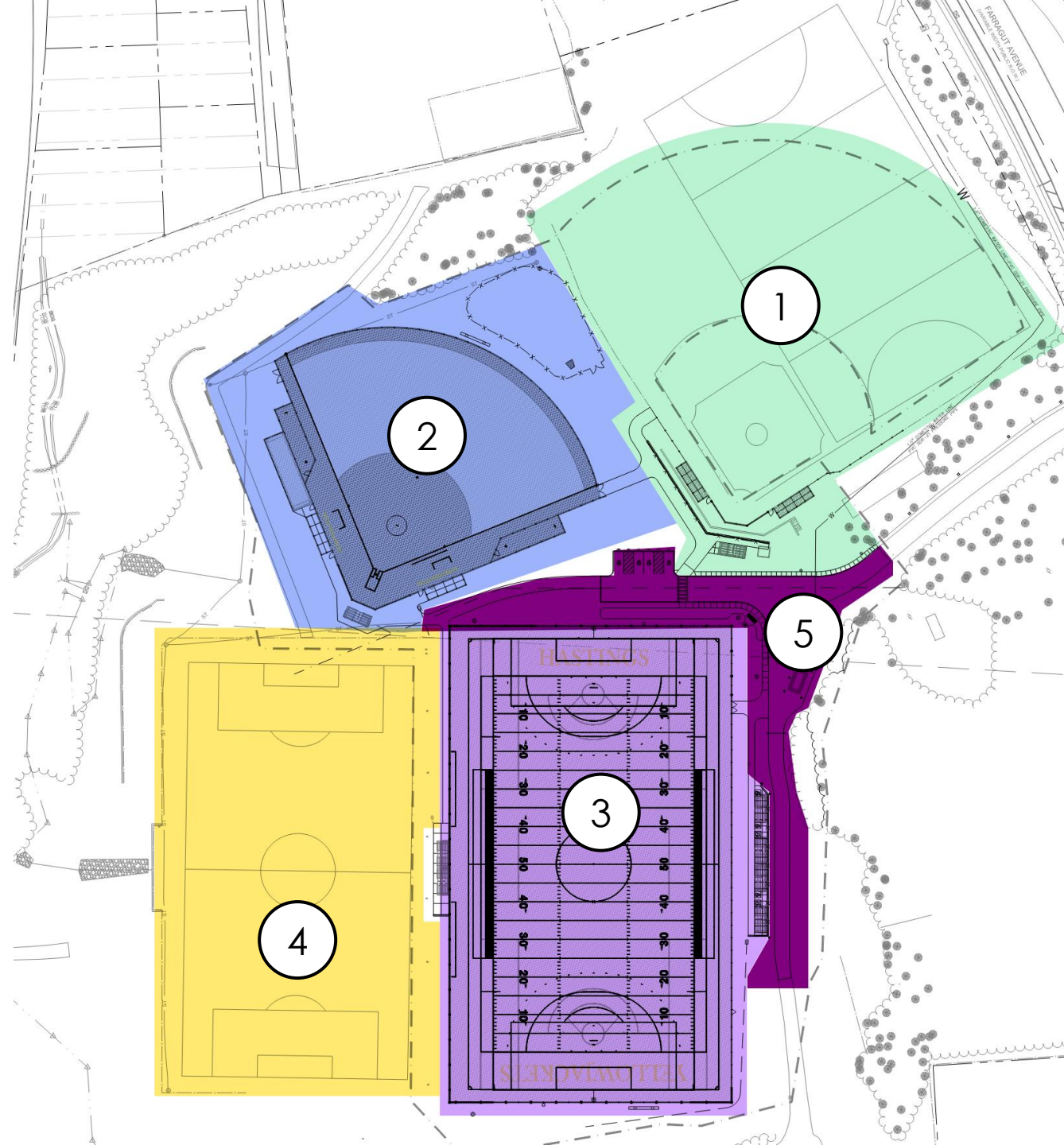
  - Stormwater Improvement to Outfield
  - Dugouts & Backstop
  - Misc. Site Improvements
- 2 Softball Field

  - Sitework for new field layout
  - Stormwater Improvements for New Field
  - New Turf Field
  - New Fencing, Backstops and Dugouts
  - New Spectator Area
- 3 (New) Multi-sport Field

  - New (sizeable) concrete retaining wall
  - Sitework for new field layout
  - Stormwater Improvements for New Field
  - New Turf Field
  - New Fencing and Sports equipment
  - New spectator area
- 4 (Existing) "Lower Burke" Multi-Sport Field

  - Impacted due to new (sizeable) retaining wall
  - Sitework to repair existing grass field
  - Stabilization period to mature grass
- 5 Access & ADA Parking

  - Last effort to "work out" of site



# PROPOSITION #03

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## **Athletic Fields and Site Work at Burke Estate** – *Athletic Events During Construction*

- All fall interscholastic athletic programs will be offered for students
- Planning is underway to support practices and competitions throughout the season
- A mix of school-based, community, and partner facilities will be utilized
- Scheduling will reflect available space and coordinated use of facilities
- Teams may practice or compete at a variety of locations and times
- The district's priority is maintaining student opportunities and program continuity
- Transportation will be provided for relocated events
- Details will be shared with families and the community no later than June 1

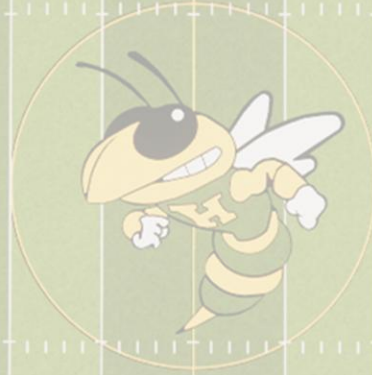
# PROPOSITION #03

**Athletic Fields and Site Work at Burke Estate**

Vendor & Product Selection Process

# HASTINGS-ON-HUDSON

## UNION FREE SCHOOL DISTRICT



**Athletic Improvement Project**  
**April 22, 2026**



# Turf Components

Hudson-on-Hastings Burke Athletic Complex

## Turf Components

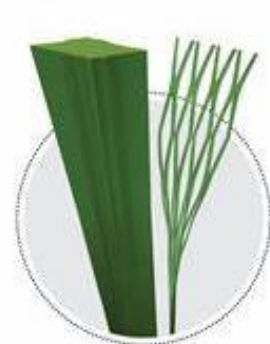
- ▶ Manufacturer
- ▶ Fiber Type
- ▶ Tuft Gauge/Spacing
- ▶ Shock Attenuation
- ▶ Infill Type



**MONOFILAMENT**



**SLIT-FILM**



**HYBRID**





# Infill Products

Hudson-on-Hastings Burke Athletic Complex

Product	Description	Typical Maintenance	Warranty	Cost Upcharge
Crumb Rubber	<p>Ground Up Recycled Rubber Tires (Mixed w/Sand)</p> <p><b>90% of the Market Uses</b></p> <p>Perception of Toxicity</p> <p>Higher temperatures</p> <p>Can be recycled for reuse infields</p>	<p>Grooming Decomaction</p> <p>Add Infill at High Use Areas</p> <p>Annual GMAX Monitoring</p>	12 Years	Least Expensive
EPDM	<p><b>Recycled Virgin Rubber (Mixed w/Sand)</b></p> <p>The Product is likely to have less contaminants</p> <p>More commonly Used in Westchester area</p> <p>Higher temperatures</p> <p>Can be recycled for reuse infields</p>	<p>Grooming Decomaction</p> <p>Add Infill at High Use Areas</p> <p>Annual GMAX Monitoring</p>	12 Years	\$130K Upcharge
Coated Sand	<p><b>Acrylic Coated Silica Sand</b></p> <p>Harder surface, requires installation of shock pad.</p> <p>Can be more abrasive.</p> <p>Lower temperatures</p>	<p>Groom Decomaction</p> <p>Add Infill at High Use Areas</p> <p>Annual GMAX Monitoring</p>	8 Years	\$350K Upcharge
Organic Infill	<p><b>Cork, Shells, Coconut, Walnut Shells, etc.</b></p> <p>Requires shock pad</p> <p>Lower temperatures</p> <p>Hold moisture and can freeze</p> <p><b>Tends to migrate and breaks down</b></p> <p><b>Cork Infill has been around the longest</b></p> <p>Walnut Shells concerns with allergies</p> <p>Coconut requires irrigation. \$40K Upcharge</p> <p>Rarely Used</p>	<p>Increased Grooming</p> <p>Replace/replenish infill \$30K</p> <p>Annual GMAX Monitoring</p>	8 Years	\$350K Upcharge





# Districts with Synthetic Turf Fields

1. Albertus Manus		26. Putnam Valley		52. Somers	EPDM
2. Brewster	EPDM	27. Ramapo	EPDM	53. Suffern	
3. Carmel		28. Roy C Ketcham		54. Tackhoe	
4. Clarkstown North		29. Rye	EPDM	55. Valhalla	Crumb Rubber
5. Clarkstown South		30. Rye Neck	Crumb Rubber	56. Walter Panas	EPDM
6. Croton Harmon	EPDM	31. Scarsdale	EPDM	57. Westlake	
7. Dobbs Ferry	Crumb Rubber	32. Spring Valley	EPDM	58. White Plains	
8. East Ramapo		33. Tappan Zee		59. York Town	EPDM
9. Eastchester		34. Ursuline		60. Nyack	EPDM
10. Edgemont		35. Wappinger		61. Goshen	EPDM
11. Haldane		36. Woodlands			
12. Harrison		37. Alexander Hamilton			
13. Hendrick Hudson		38. Arlington			
14. Irvington	Organic	39. Blind Brook			
15. John Jay CR		40. Briarcliff			
16. John Jay EF		41. Bronxville			
17. Keo Academy		42. Fox Lane	EPDM		
18. Mamaroneck		43. Horace Greeley			
19. Mount Vernon		44. Lakeland			
20. Nanute	EPDM	45. Mahopac			
21. North Salem		46. New Rochelle	Crumb Rubber		
22. Pawling	Crumb Rubber	47. North Rockland	Crumb Rubber		
23. Peral River		48. Ossining			
24. Peekskill		49. Pelham	Crumb Rubber		
25. Port Chester		50. Pleasantville			
26. Poughkeepsie		51. Sleepy Hollow			





# BOE Synthetic Turf Requirements

## The Burke Estate - Athletic Facility

- ❑ **Infill:** shall not consist of any rubber-based products and shall be composed of, or a blend of, the following approved alternatives.
  - Organic infill
  - Mineral infill (sand, calcium carbonite or other)
- ❑ **Tuft Type:** As recommended by manufacturer and suitable for multiple field sports including but not limited to lacrosse, field hockey, softball, soccer and football.
- ❑ **Tuft Height:** As recommended by manufacturers to meet shock attenuation requirements and support multiple field sports including but not limited to lacrosse, field hockey, softball, soccer and football.
- ❑ **Shock Attenuation:** The turf system shall maintain ASTM F355 G-max measurements of between 100 and 165 for the life of the warranty. G-max measurement at the time of installation shall not exceed 125. Shock Pad is optional and per manufacturers recommendations.
- ❑ **Permeability Rate:** Shall not be less than 30" inches per hour.
- ❑ **Warranty:** Shall be minimum of 12 years per NYS SED requirements.
- ❑ **Recycling:** The product shall be recyclable and/or capable of being repurposed.
- ❑ **Manufactures Qualifications:**
  - Minimum on 10 years in the business manufacturing synthetic turf for use in athletics.
  - Minimum of 25 completed installations of 65,000 square feet or more installed in the United States within the last 5 years.
  - Minimum of 10 completed installations of 65,000 square feet or more installed for public school districts.
- ❑ **Lead Components:** The product shall not contain any lead components.
- ❑ **PFAS:** The product shall not be manufactured using PFAS.





# Turf Product Interviews and Evaluations

Hastings-on-Hudson Burke Athletic Complex

## Interviews

1. Requested to present their best product that meets the BOE's turf requirements.

<u>Manufacturers</u>	<u>Product</u>
1. FieldTurf	Vertex Prime
2. Aturf	Titan Thatch
3. Tencate	Matrix Helix
4. Shaw	SpikeZone Pro

## Conversations

1. Experience
2. Product Information
3. Infill options
4. Responsiveness for maintenance and repairs
5. Recycling
6. References
7. Ability to meet BOE requirements





# Selected Turf Product FieldTurf Vertex Prime with Purefill

- ✓ Infill: shall not consist of any rubber-based products.  
**Cork and Sand**
- ✓ Tuft Type: As recommended by manufacturer.  
**Slit Film and Monofilament Blended Fiber**
- ✓ Tuft Height: As recommended by manufacturer.  
**2" Height**
- ✓ Shock Attenuation: The turf system shall maintain ASTM F355 G-max measurements of between 100 and 165 for the life of the warranty.  
**Product meets or exceeds shock attenuation requirement.**
- ✓ Permeability Rate: Shall not be less than 30" inches per hour.  
**System drains at 40" inches per hour.**
- ✓ Warranty: Shall be minimum of 12 years per NYS SED requirements.
- ✓ Recycling: The product shall be recyclable and/or capable of being repurposed.
- ✓ Manufactures Qualifications:
- ✓ Lead Components: The product shall not contain any lead components.
- ✓ PFAS: The product shall not be manufactured using PFAS  
**Provide the most in depth PFAS information**
- ✓ Product complies with current state laws

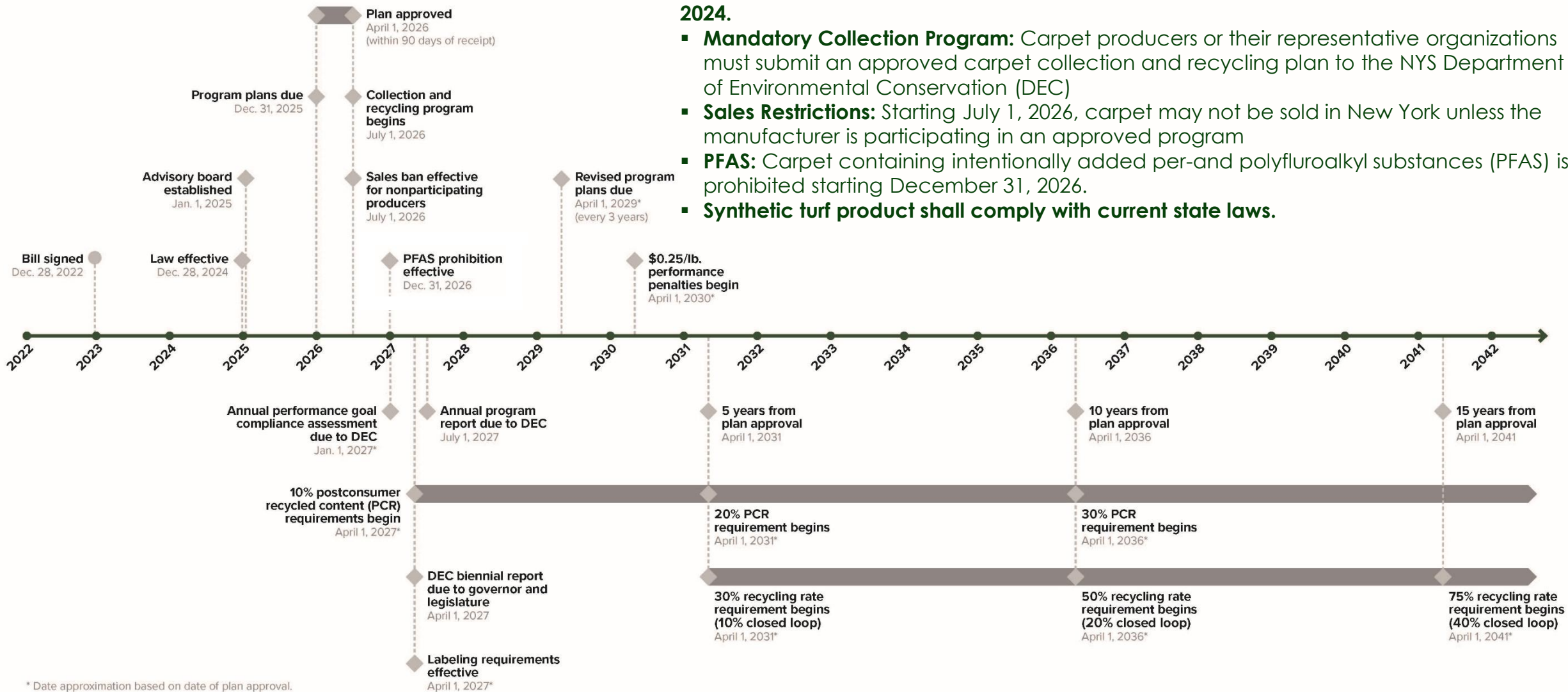


# Carpet Collection Law Timeline



## NYS Extended Producer Responsibility (EPR) for Carpet Law: Went into effect December 28, 2024.

- **Mandatory Collection Program:** Carpet producers or their representative organizations must submit an approved carpet collection and recycling plan to the NYS Department of Environmental Conservation (DEC)
- **Sales Restrictions:** Starting July 1, 2026, carpet may not be sold in New York unless the manufacturer is participating in an approved program
- **PFAS:** Carpet containing intentionally added per-and polyfluoroalkyl substances (PFAS) is prohibited starting December 31, 2026.
- **Synthetic turf product shall comply with current state laws.**

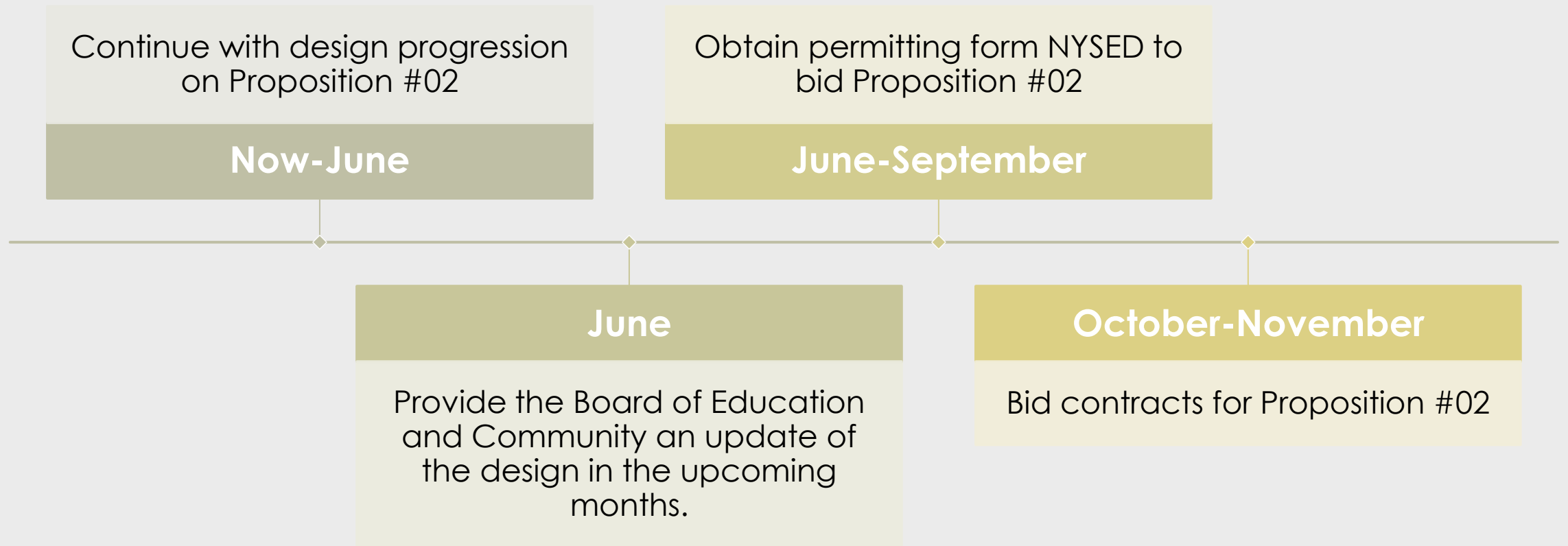


\* Date approximation based on date of plan approval.

NEXT STEPS...

# NEXT STEPS

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QUESTIONS