

# ***DPI School Planning***

## **K-12 School Construction Update**

**2023 FBS Summer Conference**  
**Research Triangle Park, North Carolina**

*July 20, 2023*

*Nathan Maune, AIA*  
*Section Chief, NCDPI School Planning*



**NORTH CAROLINA**  
State Board of Education  
Department of Public Instruction

# ***DPI School Planning Section***

- **Nathan Maune, AIA**
  - *Section Chief, Legislation, Budget, Publications*
- **Teri Williams**
  - *Office Manager, Review Certificates, Athletic Facility Grants*
- **Jon Long, AIA**
  - *Architectural Reviews, Green Ribbon Schools, Capital Projects*
- **Architect (vacant)**
  - *Architectural Reviews, Publications, Capital Projects*
- **Dennis Hilton, PE**
  - *Structural Reviews, Lottery Capital Funds*
- **Frankie Sykes, PE**
  - *Mechanical Reviews, Plumbing Reviews, Capital Projects*
- **Jonathan Jones, PE**
  - *Electrical Reviews, Capital Projects, HUB Coordinator*



# ***DPI School Planning Updates***

- K-12 Design Review Updates
- K-12 Consolidated Facility Database Project
- 2020 Statewide Facility Needs Survey
- Capital Funding (NC Education Lottery)
  - PSBCF
  - NBPSCF
  - PSBRRF
- Questions / Discussion



# ***Design Review Updates***

- Electronic Submittals – PDF Format
- Average 224 Reviews / Year 2015-2021
- 484 Reviews Completed in 2022
- 315 Reviews Completed YTD in 2023
- 255 Projects Currently Under Review
- Historic Review Cycle is 2-to-4 Weeks
- Current Backlog is 5-to-7 Weeks

<https://www.dpi.nc.gov/districts-schools/district-operations/school-planning/design-review>



# ***K-12 Facility Database***

- Created in SL 2021-180 (State Budget)
- SaaS Contract in Final Negotiation (DIT)
- K-12 Facility Data Resource
- Sorting / Filtering / Reporting
- Cooperative Purchasing
- Local Bond Reporting
- RFQ / RFP / Bid Results
- Construction Cost Reporting
- Statute Requires County and District Participation





# ***2020 Facility Needs Survey***

- New Schools
  - 131 New Schools – 111,156 Students
- Additions
  - 312 Schools
    - 2,045 Classrooms
    - 99 Gymnasiums
    - 59 Cafeterias
    - 39 Media Centers
- Renovations
  - 1,594 Schools
- School Replacement
  - 83 Schools



# ***2020 Facility Needs Survey***

- Repairs / Deferred Maintenance 45.1%
- Building Code / Life Safety 18.3%
- Replace Obsolete Facilities 10.3%
- HVAC / Energy Savings 10.0%
- Enrollment Growth 4.0%
- Technology Infrastructure 4.0%
- Other 8.3%



# 2020 Facility Needs Survey

- 2021 to 2025 = \$12.79 Billion
- 2026 to 2030 = \$8.83 Billion

| <i>Comparison of Five-Year Needs</i> |                  |                   |          |
|--------------------------------------|------------------|-------------------|----------|
| 5-Year Need                          | 2015-16 Survey   | 2020-21 Survey    | % Change |
| New Schools                          | \$ 2,787,390,899 | \$ 4,827,615,231  | 73.19%   |
| Additions                            | \$ 1,632,766,326 | \$ 1,655,892,689  | 1.42%    |
| Renovations                          | \$ 3,098,241,811 | \$ 5,632,942,480  | 81.81%   |
| Furnish / Equip                      | \$ 486,474,110   | \$ 613,032,104    | 26.02%   |
| Land                                 | \$ 57,883,543    | \$ 64,638,630     | 11.67%   |
| Total                                | \$ 8,062,756,689 | \$ 12,794,121,134 | 58.68%   |





# ***Lottery Capital Funds***

- Public School Building Capital Fund (1987)
  - Original Funding – Corporate Tax Revenue
  - \$100 Million / Year
  - ADM-Based Allotment
- Needs-Based Public School Capital Fund (2017)
  - Joint Application Process
  - Critical Facility Needs
  - Local Matching Funds
- Public School Repair & Renovation Fund (2021)
  - \$50 Million / Year
  - Equal Allocation to 100 Counties
  - Repair, Renovation, Expansion of Classroom Facilities

<https://www.dpi.nc.gov/districts-schools/district-operations/school-planning/capital-funding>



# NBPSCF

- Eligibility Criteria
  - Adjusted Market Value of Taxable Real Property
  - NC Department of Revenue (data source)
- Maximum Grants
  - \$30 million – Elementary Schools
  - \$40 million – Middle Schools
  - \$50 million – High Schools
- Eligible Uses
  - New Buildings, Additions, Repairs, and Renovations
- Local Matching Requirement
  - Ranges from 0% to 35%



# NBPSCF

- Application Evaluation Criteria
  - Prior recipients applying for an increase.
  - Counties designated as Tier 1 areas.
  - Counties with greater need and less ability to generate tax revenue.
  - Counties with a high debt-to-tax revenue ratio.
  - Projects that address critical deficiencies.
  - Projects with new construction or complete renovation.
  - Projects that consolidate two or more schools.
  - Counties that have not received a grant in three years.
  - Percentage of District Students Served
  - Start Date of Construction



# NBPSCF

- Funding History

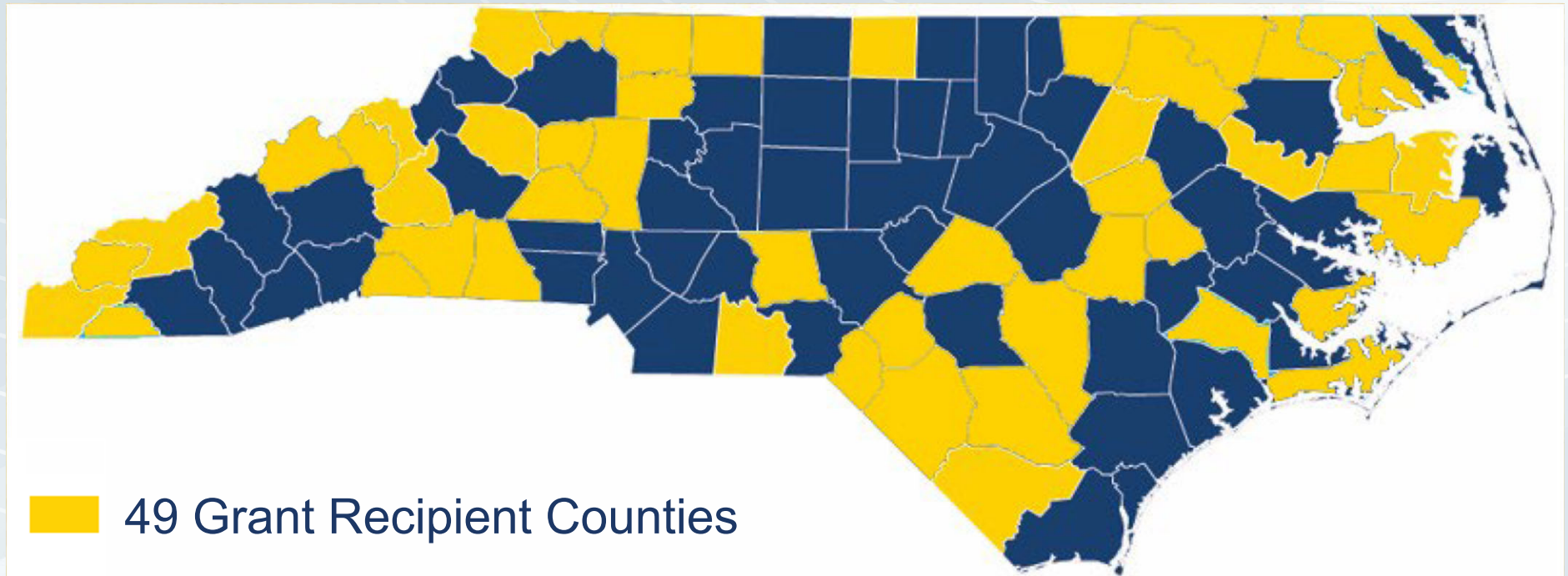
- \$ 30,000,000 FY17-18
- \$ 140,684,581 FY18-19
- \$ 58,200,000 FY19-20
- \$ 115,311,011 FY20-21
- \$ 395,785,890 FY21-22
- \$ 437,068,261 FY22-23
- \$ 1,177,049,743 Total

- 57 Grants
- 49 Counties





# NBPSCF





# ***NBPSCF*** (***H259 State Budget Bill***)

- Increases Maximum Grants (proposed)
  - \$40 million – Elementary Schools
  - \$50 million – Middle Schools
  - \$60 million – High Schools
- Establishes Deadline (proposed)
  - Begin Construction Within 18(H) / 24(S) Months of Award
- Establishes Forfeiture Provisions (proposed)
  - Failure to Initiate Construction on Schedule
  - Significant Change to Project Scope
  - False Statement or Information in Application
  - Local Funding is Reduced after Award



# NBPSCF

- Anticipated Funding – FY2023-24 Grant Cycle
  - \$ 254,252,612 (pending State Budget approval)
  - \$ \_\_\_\_\_\* (excess net lottery rev. per GS 18C-164)
  - \$ 254,252,612+ Total (\*excess lottery revenue TBD)
- FY2023-24 Submittal and Award Schedule
  - Aug. '23 – Application & Guidance (anticipated)
  - Sep. '23 – Application Deadline (anticipated)
  - Oct. '23 – Grant Award Announcements (anticipated)

<https://www.dpi.nc.gov/districts-schools/district-operations/school-planning/capital-funding>



# ***PSBRRF***

- Public School Repair & Renovation Fund
  - \$50 Million / Year
  - Equal Allotment to 100 Counties
  - Procedures Similar to Annual Lottery (PSBCF)
- Eligible Expenditures
  - Repair, Renovation, Expansion of Classroom Facilities
  - Planning / Design / Construction
- Not Eligible
  - Debt Service Payments
  - Central Administration, Transportation Facilities

<https://www.dpi.nc.gov/districts-schools/district-operations/school-planning/capital-funding>



# *Questions...?*

## **Nathan Maune, AIA**

School Planning Section  
District Operations Division  
NC Department of Public Instruction  
(984) 236-2919

[nathan.maune@dpi.nc.gov](mailto:nathan.maune@dpi.nc.gov)

## **Dennis Hilton, PE**

School Planning Section  
District Operations Division  
NC Department of Public Instruction  
(984) 236-2922

[dennis.Hilton@dpi.nc.gov](mailto:dennis.Hilton@dpi.nc.gov)







North Carolina Department of

**PUBLIC INSTRUCTION**