

C. Update on Education Capital Funding and Overview of Funding Process

- Commissioners have shared that they are receiving questions on how school capital funding is handled after some discussion at the Board of Education regarding the Rosman High School Football Field.
 - School Capital Funding Processes Overview
 - Commissioner Feedback
 - Typical Project Process from concept to construction completion
 - Update on information received to date RHS Turf project and best practice next steps

C. Update on Education Capital Funding and Overview of Funding Process

Annual Submittals

- Annual Budget Preparation in Spring by superintendent presented to BOE, approved and sent to county for funding consideration.
- May 15 statutory deadline (we request earlier)
- BOE prioritizes the capital list of requests. Generally, commissioners fund according to the priority.
- Commissioners determine funding level
- Furniture, Fixtures and Equipment (FFE), Vehicles, projects under \$50k are dispersed in monthly payments with operational funding.
- Projects over \$50k are approved by project and tracked in the Education Capital Fund with reimbursement to school when documentation provided (quotes, contracts, etc)
- BOE may (and has) requested to reallocate funds from project to project and the BOC has approved those.

Location	Description	Capital Needs	Projected FY24
BES	BES ADM allotment - furniture and equipment	40,230	13,410
BES	Upgrade gym lights to LEDs	20,000	20,000
BHS	BHS Cultural Arts equipment	6,000	2,000
BHS	BHS Band equipment	16,500	5,500
BHS	Math Room Roof Leak	10,000	10,000
BHS	Basketball Goals Safety Mechanism	15,000	15,000
BHS	BHS ADM allotment - furniture and equipment	57,336	19,112
BHS	Repair Greenhouse	24,800	24,800
BHS	Air Handling Unit (Bond would fix this)/Media Center	40,000	40,000
BHS	BHS Athletic equipment	138,000	46,000
BHS	Rewire Office/Front Classroom Area (Bond would fix this)	60,000	60,000
BHS	Replace turf field	400,000	400,000
BMS	BMS Cultural Arts equipment	3,000	1,000
BMS	BMS Band equipment	10,725	3,575
BMS	BMS Athletic equipment	36,000	12,000
BMS	Theater Room carpet	13,000	13,000
BMS	BMS ADM allotment - furniture and equipment	41,322	13,774
DRS	DRS ADM allotment - furniture and equipment	4,998	1,666
MEC	Ed Center furniture & equipment	9,000	3,000
MEC	Fire Alarm System Upgrades	30,000	30,000
PFES	PFES ADM allotment - furniture and equipment	36,960	12,320
RES	RES ADM allotment - furniture and equipment	23,567	8,723
RES	Upgrade gym lights to LEDs	20,000	20,000
RES	Kindergarten Roof Replacement	25,000	25,000
RHS	RHS Cultural Arts equipment	3,000	1,000
RHS	RHS Band equipment	8,535	2,845
RHS	RHS ADM allotment - furniture and equipment	19,530	6,510
RHS	RHS Athletic equipment	75,000	25,000
RHS	Welding shop fire alarm system	25,000	25,000
RHS	Repair Greenhouse	50,800	50,800
RHS	Replace Air Handlers (Bond would fix this)	750,000	750,000
RHS/RMS	Café air handling unit	75,000	75,000
RHS/RMS	Fix football field drain	325,000	325,000
RMS	RMS band equipment	5,775	1,925
RMS	RMS ADM allotment - furniture and equipment	16,248	5,416
RMS	RMS athletic equipment	21,000	7,000
RMS	RMS Roof Repair back of building	70,000	70,000
SYS	Plant Operations shop equipment	19,800	6,600
SYS	Campus cameras	24,000	8,000
SYS	Transportation shop equipment/cameras	31,800	10,600
SYS	Science equipment - systemwide	34,650	11,550
SYS	Media equipment	36,300	12,100
SYS	Custodial equipment	48,000	16,000
SYS	CTE furniture & equipment	64,650	21,550
SYS	Hand Dryers	28,000	28,000
SYS	Activity bus replacement	102,000	102,000

C. Update on Education Capital Funding and Overview of Funding Process

- ❑ Mid-Year Funding Request Submittals
 - ❑ Unusual and typically involve an emergency due to the need for financial planning (tax rate is set at budget adoption so new revenue not readily available)
 - ❑ Commissioners must approve all contracts that are longer than a year in length
 - ❑ Engineers, Architects, Construction, etc
 - ❑ Commissioners must approve applications to use lottery funds at the state level
 - ❑ Board of Education would vote to request
 - ❑ BOE staff transmit the request along with back up regarding the request (timelines, cost, scope of work, etc)
- ❑ Major Capital Projects
 - ❑ Requires substantial financial planning especially for financing
 - ❑ State financing processes are required, must have a plan to repay
 - ❑ Currently working on options with the joint education work group- March 4 presentation at 4 PM

C. Update on Education Capital Funding and Overview of Funding Process

General Public Project Process Steps

- ❑ Preliminary Scoping
 - ❑ Professional cost est, project budget, soil testing, survey ordered, timeline
- ❑ RFQ Process and Contract with Professional (6 weeks)
- ❑ Design (varies)
- ❑ Permitting- Erosion Control, Floodplain
- ❑ Bid (6 weeks min formal bid)
- ❑ Award and Contract (1-2 weeks)
- ❑ Mobilize Contractor (2 week min)
- ❑ Construction (varies)
- ❑ Close out

Preliminary Cost Estimate				
Project: Utility Extensions				
Date: 05/03/22				
Project #:				
Sewer Improvements				
Pump Station (City of Brevard Standards)	1	LS	\$425,000.00	\$425,000.00
4" PVC Force Main	9,800	LF	\$40.00	\$392,000.00
12" Steel Casing Bored and Jacked Under Roadways/Railroad	275	LF	\$800.00	\$220,000.00
Air Release Valve in Manhole	3	EA	\$3,500.00	\$10,500.00
Asphalt Open Cut & Patch	200	SY	\$65.00	\$13,000.00
Concrete Open Cut and Patch	75	SY	\$90.00	\$6,750.00
Gravel for Driveways	175	TN	\$28.00	\$4,900.00
Incidental Stone	150	TN	\$40.00	\$6,000.00
Stream Crossings	2	EA	\$35,000.00	\$70,000.00
Erosion Control Measures (Inc. Creek Crossing)	1	LS	\$35,000.00	\$35,000.00
Clearing and Grubbing	1	LS	\$10,000.00	\$10,000.00
Seeding and Mulching	1	LS	\$15,000.00	\$15,000.00
			SUBTOTAL	\$1,208,150.00
Water System Improvements				
8" DIP Water Main	7,700	LF	\$70.00	\$539,000.00
16" Steel Casing Bored and Jacked Under Roadways/Railroad	150	LF	\$1,000.00	\$150,000.00
8" Gate Valve with Box	8	EA	\$3,000.00	\$24,000.00
6" Gate Valve with Box	14	EA	\$2,500.00	\$35,000.00
Fire Hydrant Assembly	14	EA	\$7,500.00	\$105,000.00
Fittings	1	LS	\$25,000.00	\$25,000.00
Connect to Ex. Water Main	1	LS	\$5,000.00	\$5,000.00
Asphalt Open Cut & Patch	175	SY	\$65.00	\$11,375.00
Concrete Open Cut and Patch	50	SY	\$90.00	\$4,500.00
Gravel for Driveways	100	TN	\$28.00	\$2,800.00
Incidental Stone	100	TN	\$40.00	\$4,000.00
Stream Crossings	1	EA	\$35,000.00	\$35,000.00
Erosion Control Measures (Inc. Creek Crossing)	1	LS	\$35,000.00	\$35,000.00
Clearing and Grubbing	1	LS	\$15,000.00	\$15,000.00
Seeding and Mulching	1	LS	\$15,000.00	\$15,000.00
			SUBTOTAL	\$1,005,675.00
TOTAL ESTIMATED CONSTRUCTION COST				\$2,213,825.00
General Contingency (10%)				\$221,382.50
Cost Escalation				\$210,000.00
Surveying, Platting & As-Builts (Budget)				\$35,000.00
Design and Permitting (Budget)				\$85,000.00
Construction Observation & Certifications (Budget)				\$43,000.00
Environmental				\$25,000.00
Permit Fees				\$3,500.00
TOTAL ESTIMATED PROJECT COST				\$2,836,707.50

NOTES:

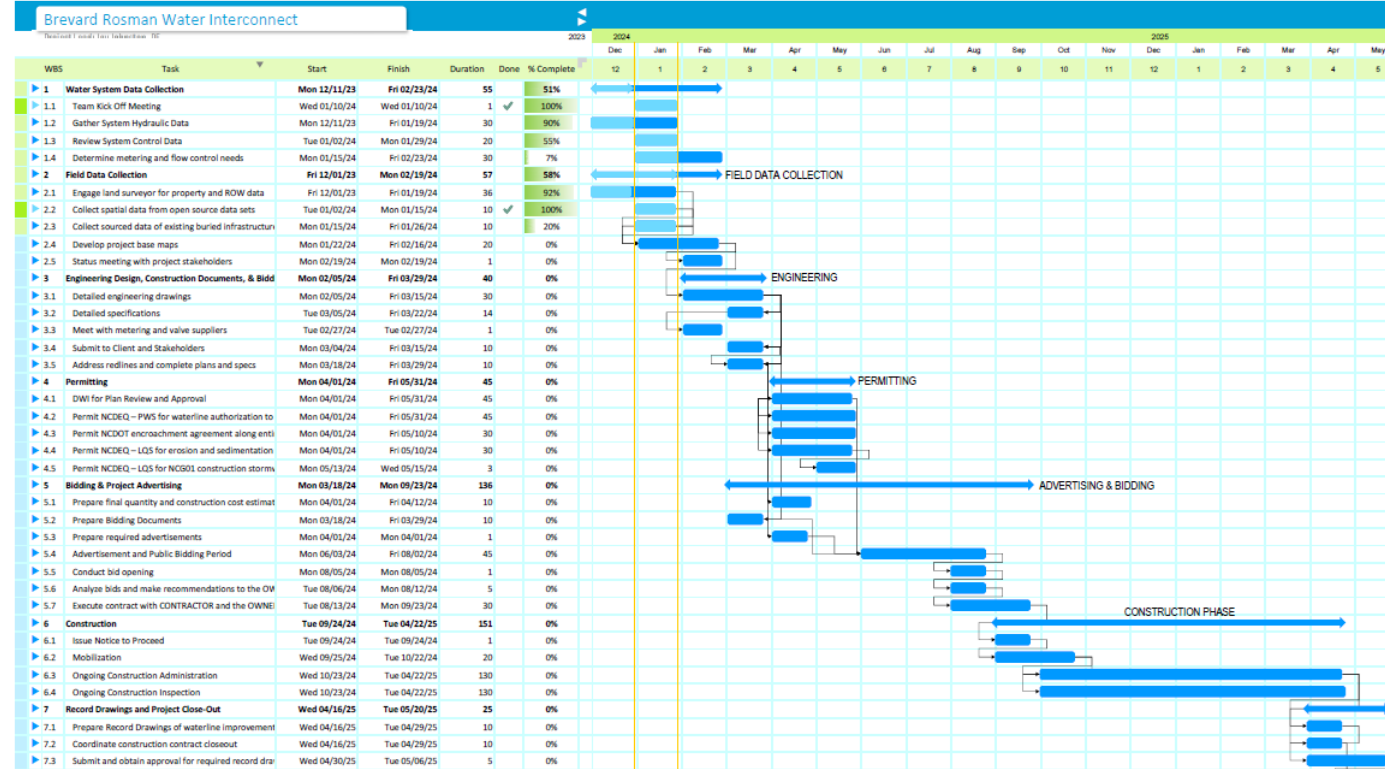
1. Estimate for environmental includes stream and wetland delineation and nationwide level permitting. Depending on the funding source, additional environmental documents may be required.
2. Pump station cost assumes installation of a generator.
3. Estimate assumes water main and force main can be installed in the existing NCDOT ROW and easements would not be required.

C. Update on Education Capital Funding and Overview of Funding Process

RE: Rosman – Brevard Interconnect Schedule

Overall Project Schedule Summary

TASK	START	FINISH	% Complete
Water System Data Collection <i>Team Kickoff Meeting</i> <i>Gather Hydraulic Data</i> <i>Review System Control Data</i>	12/11/2023	2/23/2024	51%
Field Data Collection <i>Confirm ROW from Surveyor</i> <i>Develop project basemaps</i> <i>Status meeting</i>	12/1/2023	2/19/2024	58%
Engineering Design & Construction Documents <i>Engineering Drawings & Specifications</i> <i>Review by Client and Stakeholders</i>	2/5/2024	3/29/2024	10%
Permitting <i>DWI Plan Review and Approval – 60 Days</i> <i>NCDOT Permitting – 45 Days</i>	4/1/2024	5/31/2024	0%
Bidding & Project Advertising <i>Advertisement and Bidding – 60 Days</i> <i>Execute Contract – 45 Days</i>	3/18/2024	9/23/2024	0%
Construction <i>Mobilization: 30 Days</i> <i>Construction Duration: 6 Months</i>	9/24/2024	4/22/2025	0%
Record Drawings and Project Close-Out	4/16/2025	5/20/2025	0%



C. Update on Education Capital Funding and Overview of Funding Process

Rosman High School Turf Field Status- Funding Request and back up not yet submitted

- ❑ Board of Education requested in FY 24 Annual Budget (unprioritized initial request)
- ❑ Submitted prioritized list in August 2023 for FY 24 Budget to be considered for funding
- ❑ RHS Field project budget \$325k prioritized by BOE, approved by commission Aug 23
- ❑ Dec 2023 dated Task Order from McGill for engineering (no projection) rec'd Feb 1
- ❑ Jan 22, 2024 BOC presentation suggested forwarding RES project options and this project to education capital work group* to inform work
 - ❑ Shared option budgets for RES, but there weren't any for field options
- ❑ Feb 2024 joint staff meeting on projects- *staff has figured range \$800k-\$1.2 million cost*
 - ❑ Concern from school staff on timing for field and funding availability
 - ❑ Discussion about schools requesting funding from either projects not yet started up to current or FY 25 projects to be requested this spring and funding available July 1.
- ❑ BOE approved \$140k allocation in February BOE meeting funded in the existing approved allocation, but it is unclear if that is to fund the task order for McGill or otherwise

C. Update on Education Capital Funding and Overview of Funding Process

- ❑ **Recommendation from County sent to school staff to plan to play on the field another year and not to begin site work at this stage due to the timeline required for project.**
- ❑ Site work not yet started at RHS Football Field
- ❑ Limited project information received to date
- ❑ McGill Task Order reflects 12 weeks of construction meaning that the project would need to be soliciting bids now in order to be ready for August 1 this year. Beginning site work will only mean no field to play on this fall.
- ❑ Project will require floodplain permit and erosion control permit to start any work
- ❑ Would have needed to be ready to start work at end of last season to be feasible

Turf Project Process Steps

- ❑ Preliminary Scoping
 - ❑ Professional cost est, project budget, soil testing, **survey ordered**, timeline
- ❑ **RFQ Process and Contract with Professional (6 weeks)**
- ❑ Design (varies)
- ❑ Permitting- Erosion Control, Floodplain
- ❑ Bid (6 weeks min formal bid)
- ❑ Award and Contract (1-2 weeks)
- ❑ Mobilize Contractor (2 week min)
- ❑ Construction (varies) ***McGill 12 weeks**
- ❑ Close out

Green Completed

C. Update on Education Capital Funding and Overview of Funding Process- County Staff Recommendation for Rosman Field Project

- ❑ Plan improvements for late fall 2024 after football season (Bid in fall)
- ❑ Existing Budget approved at \$325k for the project and can be used to begin Preliminary Scoping through Design.
- ❑ Work with Engineer on a Probable Opinion of Cost for Options for BOE to consider as soon as possible with timeline (*Need to factor soil conditions and floodplain due to site location in cost and timeline*)
- ❑ BOE will need to determine which option to request for funding and how they want to process that request
 - ❑ Reallocate project funding already approved but not yet started. BOE vote to request identifying which projects to remove and what to add. Commissioners can consider any time.
 - ❑ Request as a priority in the FY 25 Capital Funding Annual Request (BOE vote with budget) Funding available July 1, 2024 if approved
 - ❑ Request in the future- discuss after capital work group results
- ❑ Continue monthly meetings between Project Manager, Superintendent, County Manager and Asst. County Manager



Map showing 100 and 500 year floodplain