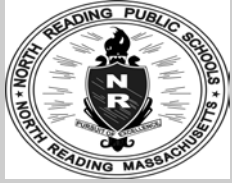


North Reading Public Schools

Capital Presentation
December 16, 2015

North Reading Public Schools



Requests for FY 2017

1. Elem WIFI Infrastructure	\$100,000
2. Computer Replacement Plan	\$60,000
3. Utility Vehicle -Bobcat	\$65,000
4. Wheelchair Van	\$45,000
5. Hood School Parking Lot (Phase 2)	\$50,000
6. Multi-Function Activity Bus	<u>\$ 45,000</u>
Total Request	\$365,000

Capital Requests

Technology and Digital Learning

- Digital Learning and devices
- Wired and wireless infrastructure (phones)
- 1:1 is our goal
- Outside funding opportunities
 - E-rate
 - Grants
- Local Match

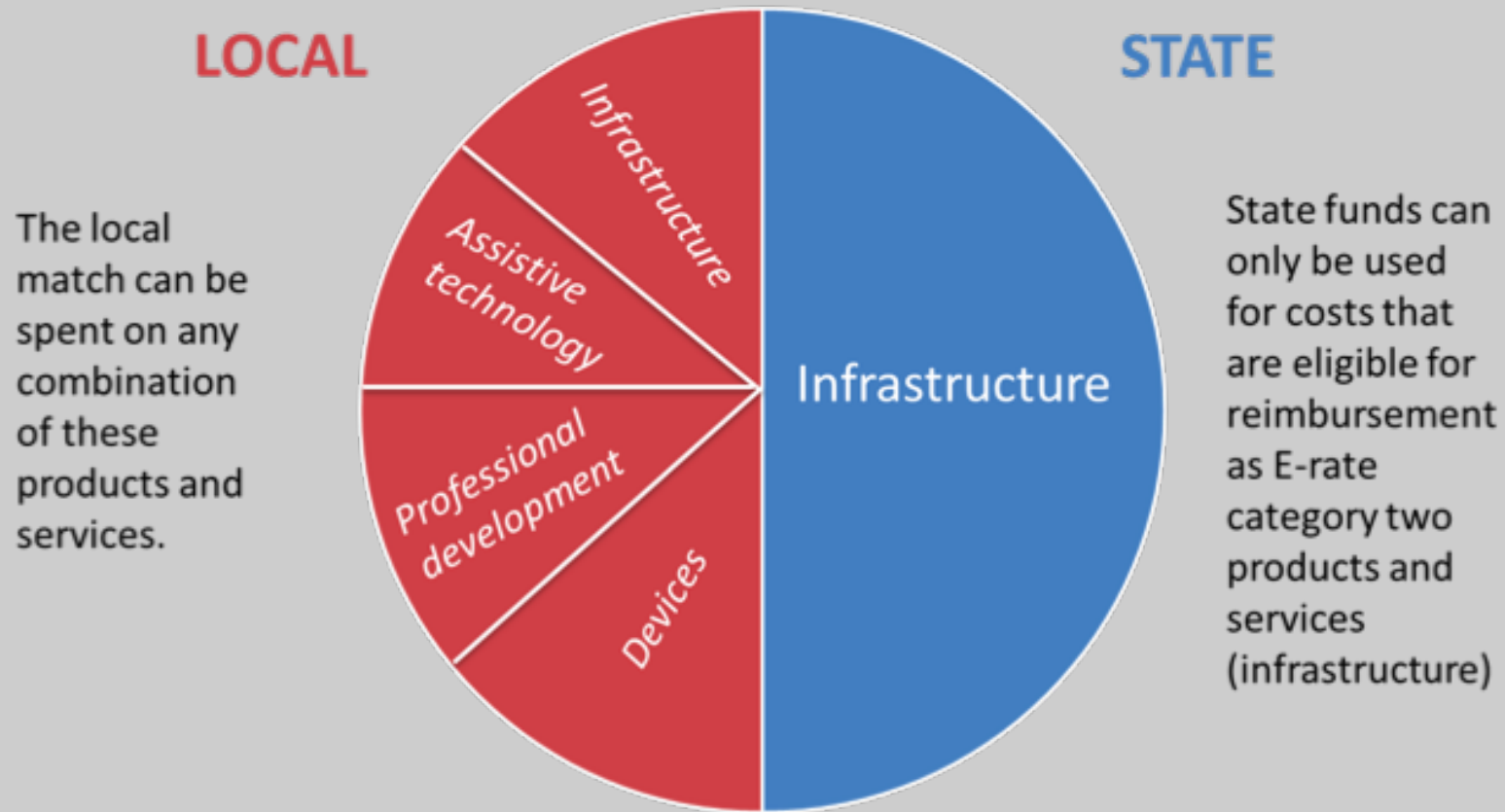
North Reading Public Schools

E-rate

- E-rate provides discounts to assist schools to obtain affordable voice services and Internet access.
- The size of the discount depends on the poverty level and the urban/rural status of the population served.
- In December 2014 the FCC voted to raise the annual E-rate funding cap from \$2.4 billion to \$3.9 billion.
- Reimbursements for voice services (“category 1”) are being phased out
- Schools seeking support for category 2 services in funding years 2015 through 2019 will be eligible to request up to \$150 per student (pre-discount) over a 5-year period

North Reading Public Schools

Digital Learning Partnerships Grant



Digital Learning Partnerships Grant

- Grant request of \$100,000
- Local Match required at 50% (\$50,000)
- State Match 50% must be for infrastructure
- Local Match can be used for devices
 - must include a 1:1 initiative
 - 200 students, \$50,000 (\$250 per device)
- Community (Flint Memorial Library)

Elementary Wireless Infrastructure

- Current elementary wireless solution is piecemeal
- Request will align elementary schools with new MS/HS
- Digital Learning, Assessments, Community Events
- Wired backbone needs upgrades at all schools
 - Wired Internet
 - Wireless Access Points
 - VoIP Telephones

Computer Replacement

- ❑ \$60,000 request for computer/device replacement
- ❑ currently: computer labs with older computers incapable of running Windows 10
- ❑ carts and 1:1
- ❑ 1:1 initiative at one grade level per year as well as one additional cart per year
- ❑ local match requirement for grant
- ❑ devices needed for testing in 2019



New Bobcat Utility Vehicle

- **New Bobcat Utility Vehicle \$65,000**
 - Maintain all schools; primary use at new combined MS/HS Campus
 - As requested, vehicle can sweep, throw snow, and front load given optional attachments.
 - Watch Video: [Video Link](#)



Special Education Wheelchair Van

- Replace 2006 Wheelchair Van
- Vehicle has over 120,000 miles on it
- Used daily to transport students with physical disabilities and special needs
- District would trade in the 2006 Vehicle as a condition of the bid specifications



North Reading Public Schools

Hood School Parking Lot (Phase 2)

- Phase 1 complete (Playground, back access roadway, site work)
- Phase 1(a) spring 2016 (Front loop, other associated areas)
- Phase 2 to complete paving of Hood School site as funding allows; priorities (1) staff parking lot area; (2) access road (3) front walkway (4) front entrance (concrete)
- Identified areas are showing signs of deterioration resulting in safety concerns
- Plan is to continue working cooperatively with DPW



Front Entrance



Front Loop



Front Walkway

Multi-Function Activity Bus



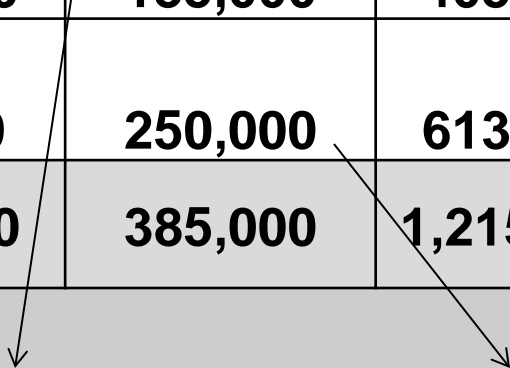
- To be used for transportation to and from athletic and extra-curricular events
- Anticipate vehicle could be used anywhere between 45 and 60 athletic runs through out school year
- The estimated annual savings is expected to exceed \$13,500
- Only a valid driver's license is required to operate the vehicle
- Total estimated cost is \$45,000



North Reading Public Schools

3 Year Capital Summary Chart

CATEGORY	FY'17	FY'18	FY'19	3-YEAR TOTAL
VEHICLES	155,000	42,000	0	197,000
TECHNOLOGY	160,000	110,000	135,000	405,000
FACILITIES	50,000	50,000	250,000	613,450
TOTAL	365,000	202,000	385,000	1,215,450



On-Going Computer
Replacements

Energy Mgmt.
System Upgrade

The numbers beyond fiscal year FY'17 are subject to change.

Capital Requests