



Staff Recommendations
Superintendent's Standards Review
Committee

February 27, 2007



- School Building Solutions Committee suggests review of construction projects and sets a 10% savings goal
- Committee of citizens appointed to review construction standards and educational specifications to identify cost reduction opportunities
- Final report includes 74 proposed revisions
- 65 of the proposed revisions are recommended by staff – 9 are not recommended by staff
- 28 of the proposed revisions are CMS current practices
- Current practices (yellow highlighted cells) have already reduced square footage by 14 % at elementary, 16% at middle and 16% at high schools



Background

FACILITY PLANNING & REAL ESTATE

8	PreK-12	CMS to continue looking at land acquisitions & divesting of any surplus property as soon as possible	Variable
11	PreK-12	Reuse existing facilities where feasible	Variable
13	PreK-12	Seek sponsorship of athletic scoreboards	\$40K-\$75K
21	High	Reduce the size of the auxiliary gym from 2600 sf to 2000sf	\$60K
24	PreK-12	Create a baseline standard to be used across municipalities that fall under CMS	Variable
60	PreK-12	Let State and City DOT pay for road improvements	Variable
65	PreK-12	Magnet schools in alternative locations	Variable
71	PreK-12	Eliminate stadiums & field houses at individual high schools and build regional sports complex to be shared by schools at a school site	Variable
72	PreK-12	Build regional performing arts facility to be shared by schools and locate at one of the schools; possibly collocate auditorium with future area office for student use and teacher in-service use, etc.	Variable

Yellow indicates current practice.

Recommended

DESIGN

3	Middle	Create a maximum standard for corridor width	Variable
10	PreK-12	Support and encourage modifying site design and building/construction to minimize site disturbance	Variable
14	PreK-12	Provide code minimum landscaping	\$10K-\$20K
15	PreK-12	Give credit towards buffer for existing trees	Variable
17	PreK-12	Energy efficient designs	Variable
20	PreK-12	Use vertical school designs when economically justified	Variable
56	PreK-12	Use NCDOT standards	Variable
59	PreK-12	Standardize light fixtures	Variable
63	PreK-12	Standardize ceiling heights within the classroom to 10' and increase in gyms and Media Center	\$30K-\$50K

Yellow indicates current practice.

Recommended

CONSTRUCTION

16	PreK-12	Consider an acceptable alternative on a high quality, fully adhered single ply with a warranty similar to that of a built-up roof	\$40K-\$100K
18	PreK-12	Eliminate most parapets	\$50K-\$160K
22	PreK-12	Mechanical and service stations on roof (eliminate service rooms)	\$160K-\$600K
30	PreK-12	Eliminate loading docks	\$25K-\$50K
57	PreK-12	Eliminate chemical resistant tops from elementary and middle schools	\$20K
58	PreK-12	Attach parking to City's resurfacing budget	Variable
61	PreK-12	Eliminate chemical pipes from elementary and middle schools	\$45K
62	PreK-12	Minimize curtain wall and storefront	\$5K-\$20K
64	PreK-12	Encourage the use of pre-engineered systems where appropriate	\$250K
73	PreK-12	Reevaluate CMS specifications and standards based on the new MASTERSPEC	\$0

Yellow indicates current practice.



Recommended



SITE

51	PreK-12	Remove curb and gutter from parking lot edges	\$25K-\$55K
52	PreK-12	Use wooden light poles except in high visibility areas	\$17K-\$34K
53	PreK-12	Create basic prefabricated marquee signs	\$5K
54	PreK-12	Use galvanized wire for fencing	Variable
55	PreK-12	Eliminate paving the fire access roads where possible	Variable
66	PreK-12	Build parking lots to a minimize size; no more than 350 student parking spaces at high school level	\$250K
68	PreK-12	Eliminate the student drop-off canopy where possible	\$35K
69	PreK-12	No canopy at bus lot where possible	\$35K
74	PreK-12	Minimize fire access roads to code minimum	Variable

Yellow indicates current practice.

Recommended

ADMINISTRATIVE AREA

1	PreK-12	Combine teacher lounge and workroom	\$50K
2	Middle	Shrink principal office from 251sf to 200sf and shrink related administrative space from 300sf to 144sf	\$20.7K
6	PreK-12	Eliminate toilet from principal office	\$15K
9	High	Place one AP office in each wing thus eliminating three AP offices from administrative core	Variable
28	PreK-12	Eliminate Parents' Center	\$30K
33	PreK-12	Special Needs: Relocate shower and full bathroom facility to Health Room	\$20K
67	PreK-12	Reduce hard wiring	Variable
70	Middle	Eliminate the Parents' Center from middle school	Item #28

Yellow indicates current practice.

Recommended

KITCHEN

40	Middle	Shrink kitchen space from 3500sf to 3000sf	\$90K
49	High	Reduce size of kitchen	\$180K

MEDIA

32	Elementary	Reduce non-academia media space from 3500sf to 3000sf	\$50K
34	Middle	Eliminate one conference room from Media Center	\$21K
36	Middle	Shrink Media Center from 6237sf to 5000sf not including storage area	\$124K
50	High	Reduce size of the Media Center by 2000sf not including storage area	\$200K

MUSIC

27	Elementary	Reduce size of art and music room from 1200sf to 910sf	\$58K
31	Middle	Shrink band room from 2800sf to 1800sf not including storage area	\$100K
38	Middle	Shrink the chorus room from 1337sf to 1137sf	\$20K
39	Middle	Eliminate band ensemble room	\$30K
44	Middle	Eliminate band practice room	\$8K

Yellow indicates current practice.

Recommended

OTHER BUILDING AREAS

5	Middle	Keep four technology classrooms and one general computer lab, but shrink with each total of 1200sf versus the current standard of 1700sf	\$250K
25	Elementary	Reduce the number of tutor rooms from 18 to 10	\$120K
35	Middle	Shrink theater room from 1700sf to 1500sf	\$20K
43	Middle	Combine the school store and the concession room	\$10K

PHYSICAL EDUCATION & ATHLETICS

23	High	Reduce the size of the auxiliary gym from 2600sf to 2000sf	\$60K
42	Middle	No outside bleachers for athletics	
45	Middle	Combine the four locker rooms to two (one male & one female)	\$200K
46	Middle	Eliminate showers	\$20K
48	High	Artificial turf on regional sports stadiums	Included in #71

Yellow indicates current practice.

Recommended

4	Middle	Eliminate teacher workroom in the administrative office area	\$30K
7	Middle	Combine football and soccer athletic fields	\$100K
12	PreK-12	Install timers on field and stadium lighting	Variable
19	PreK-12	Use alternative power generators where economically feasible	Variable
26	Elementary	Eliminate computer room	\$100K
29	Elementary	Remove theatre stage	\$70K
37	Middle	Eliminate dance room	\$170K
41	Middle	Eliminate the small office in administration	\$15K
47	High	Lights only for stadiums; not for tennis courts or softball and baseball fields	Included in #71



Not Recommended