

6 Unfinished Business
City of Cambridge

MASSACHUSETTS

In City Council 12/13 1982

Bond Issue, Councilor W. Sullivan -
- Order Adopted -

	YEA	NAY	ABSENT	PRESENT
Mr. Daniel J. Clinton	✓			
Mr. Thomas W. Danehy	✓			
Mr. Francis H. Duehay	✓			
Ms. Sandra Graham	✓			
Mr. Leonard J. Russell	✓			
Mr. David E. Sullivan	✓			
Mr. Walter J. Sullivan	✓			
Mr. Wylie	✓			
Mayor Vellucci	✓			

9 0 0

- Order Adopted -

Bond Issue - Amount - \$3,850,000

Renovation, Repair etc
Cambridge Hospital

MV
SP
R.P.
B



City of Cambridge

IN CITY COUNCIL

November 22, 1982

LOAN ORDER
for

CAMBRIDGE HOSPITAL PROJECT

Superceding that section of the appropriation order adopted May 19, 1980, pertaining to the Hospital and Infirmary, it is ordered that \$1,852,200 is appropriated for remodeling, reconstructing and making extraordinary repairs to the Cambridge Hospital, and \$1,997,800 is appropriated for additional and replacement equipment for the hospital; that to meet these appropriations the Treasurer with the approval of the City Manager is authorized to borrow \$3,850,000 under Massachusetts G.L. c.44 Section 7 as amended; and that the City Manager is authorized to apply for and expend any federal or state aid available for the project.

In City Council December 13, 1982.

Adopted by a yea and nay vote:- Yeas 9; Nays 0; Absent 0.

ATTEST:- Paul E. Healy, City Clerk.



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City of Cambridge

MASSACHUSETTS

In City Council November 22, 1982

AGENDA ITEM NUMBER SIX

RE: LOAN ORDER IN THE AMOUNT OF \$3,850,000. FOR REMODELING,
RECONSTRUCTION & REPAIRS TO THE CAMBRIDGE HOSPITAL

	YEA	NAY	ABSENT	PRESENT
Mr. Daniel J. Clinton				
Mr. Thomas W. Danehy				
Mr. Francis H. Duehay				
Ms. Sandra Graham				
Mr. Leonard J. Russell				
Mr. David E. Sullivan				
Mr. Walter J. Sullivan				
Mr. Wylie				
Mayor Vellucci				

Cambridge Hospital
Bond Issue/BAN Package
.10/1/82 Revision

(1) Central Heating and Cooling Facilities:

Engineering assessments performed by R.G. Vanderweil, Consulting Engineers indicate that replacement of the existing central power plant is necessary due to the general condition of the 1953-installed boilers and their marginal capacity to satisfy HHS requirements for satisfactory heating of critical areas with one boiler down. Further, the consultants found the inefficiency of the boiler to be such that the recommended new installation would pay for itself in fuel savings in six years if it were the only recommended project completed.

(Source: 5/81 estimates rolled forward at
18% annualized rate)

\$1,803,850
48,350
1,852,200

(2) Radiology:

Equipment replacement and updating including the second of two new fluoroscopy rooms, new tomographic unit, automated chest room.

\$ 640,000

(3) Laboratory:

Equipment replacement and updating including an automated multiparameter chemistry analyzer, liquid and gas chromatographs and replacement of a number of other major pieces of laboratory analysis equipment.

\$ 560,000

(4) General Modernization

(a) Replacement operating room equipment, patient room furnishings and dietary equipment 797,800

(b) Energy conservation projects as recommended by Vanderweil consulting engineers 48,350

\$ 846,150

Total \$3,850,000

GENERAL MODERNIZATION

Patient Room Furnishings

(1)	beds	\$25000	
	ICU	\$ 9,000	
	Cahill 3 & 4	16,000	
(2)	pt. rm. chairs	\$27000	
	150 @ 180		
(3)	bedside tables	\$20250	
	150 @ \$135		
(4)	overbed tables	\$18750	
	150 @ \$125		
		<hr/>	\$91000

Pt. lounge/waiting area furniture

\$14000

EW waiting area	5000
X-ray waiting area	3000
asst. other seating areas	6000

Office furniture replacement

\$23900

stacking chairs 100 @ 45	4500
desks 10 @ 250	2500
desk chairs 20 @ 75	1500
side chairs 20 @ 40	800
mtg room table/chairs	4000
typewriters 8 @ 700	5600
filing cabinets 20 @ 250	5000

Dietary equipment

(a) fixed equipment	17000	\$62700
3½ section range	4700	
tilting skillet		
steam convection oven		
dish machine		
(b) moveable equipment		\$53800
baking oven	27000	
carts and lowerators	11000	
Reach in freezer	3400	
Roll-in refrigerator	3000	
Replacement cafe furniture	14000	
Food trucks	16000	
Electric steam tables	2700	
Coffee urn	1000	

(c) Replacement of pt. unit nourishment kitchen \$38000

Operating Suite \$176800

Steam autoclave	18000
Replacement OR tables 3 @ 9000	27000
Radioluscent OR table	12000
Electrosurgical Unit	3400
Asst. instruments	30000
Orthopedic equipment	27200
Zeiss operating microscope	43000
Ophthalmic cryo unit	5500
Gastroscope	7400
Laproscope	1300
Jesberg Oval Esophagoscope	2000
2 @ 1000	

Anesthesia \$54500

Transcutaneous PO ₂ /PCO ₂	10000
Ventilator	1000
Anesthesia carts	3500
EKG monitors w/ pressure	21000
mods 3 @ 7000	
Anesthesia machines, replace	15000
3 @ 5000	
Anesthesia vaporizers, replace	2000
2 @ 1000	
Dynamax blood pressure monitor	2000

Intensive Care Unit Equipment \$126000

Central monitoring system	35000
console	
ICU 8-bedside units	60000
Step down unit telemetry - 6 bed	25000
Defibrillator	6000

Other Clinical Equipment \$120200

Apnea/cardiac infant monitor	5500
Clinitron bed	18000
Defibrillators 5 @ 6000	30000
EKG monitors 2 @ 3000	6000
Portable monitor/defibrillator	6000
Pulmonary exercise testing	20000
equip.	
Pulse volume Recorder	34700

Other \$36900

Cahill IV refurbishing	13300
Cahill III refurbishing	7400
Exterior signage	2000

Library shelving	5000	
Pharmacy storage shelving	5000	
Medical Records microfilm	4200	
<u>Energy Conservation</u>		\$74000
Occupied/unoccupied controls (1 yr. payback)	33000	
Automatic temperature resets (8.7 yr. payback)	41000	
Potential DOE grant	<u>(25650)</u>	
		48350
Grand Total		<u>\$846150</u>

10/1/82

Radiology

Fluoroscopy Room, remote w/105	340,000
Tomography Room	150,000
Portable X-ray machine	35,000
Alternator	15,000
Gamma Camera	<u>100,000</u>
	640,000

10/1/82

Laboratory

MLA Electra/blood testing	15,000
Electrophoresis Densitometer	10,000
Liquid Chromatograph	35,000
Hitachi 705	95,000
Gas Chromatograph	35,000
SMA II-12	150,000
Laboratory central computer	125,000
Microprojector	15,000
Unicam Spectrophotometer	15,000
Co-oximeter	12,000
Ventilated hood	12,000
Automated Antibiotic Sensitivity Instrument	25,000
Microscope (2)	6,000
Refrigerated centrifuge	5,000
Hematek stainer	5,000
	<u>560,000</u>

10/1/82



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CITY OF CAMBRIDGE

CAMBRIDGE, MASSACHUSETTS 02139
Tel. 498-9011

EXECUTIVE DEPARTMENT
ROBERT W. HEALY
City Manager

November 22, 1982

To the Honorable, the City Council:

Enclosed is a proposed loan order in the amount of \$3,850,000 for the remodeling, reconstructing and making extraordinary repairs to The Cambridge Hospital, which is estimated to cost \$1,852,000, and providing for additional and replacement equipment for the hospital, estimated to cost \$1,997,800. Also enclosed is greater detail on how this money would be committed.

Passage of the enclosed loan order is recommended.

Very truly yours,

Robert W. Healy
City Manager

RWH/b

Agenda Item Number Six

F-341

Re: proposed loan order in the amount of
\$3,850,000. for remodeling & repairs to the
Cambridge Hospital.

12/13/82 #6 ^{Business} ~~Not~~ finished
12/13/82 Loan Order
Adopted 9-0-0

published - 12/16/82 - Chronicle

In City Council,

November 22, 1982

11/22/82

Passed at First Reading

Pub Nov 25, 1982