



UNIVERSITY OF MINNESOTA
TWIN CITIES

University Hospitals and Clinics
420 Delaware Street S.E.
Minneapolis, Minnesota 55455

July 5, 1984

TO: PLANNING AND DEVELOPMENT COMMITTEE, BOARD OF GOVERNORS

Clint Hewitt
Lynn Hornquist
William Krivit, M.D.
John LaBree, M.D.
Virgil Moline
C. Edward Schwartz
I. Dodd Wilson, M.D.

Staff: Ed Howell
Nancy Janda
Mark Koenig

FROM: Al Hanser, Committee Chair

The July, 1984 meeting of the Joint Conference Committee will be held:

Wednesday, July 11, 1984
10:30 A.M.
Dining Room III
University Hospitals

The agenda for the meeting is enclosed.

AH/sds

Enclosure

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PLANNING AND DEVELOPMENT COMMITTEE

BOARD OF GOVERNORS

Wednesday, July 11, 1984

10:30 A.M.

Dining Room III

University Hospitals

Agenda

- I. Minutes - June 13, 1984 (Approval)
- II. Unit J Project Update (Information)
- Mr. Mark Koenig
- III. Brick Veneer Construction (Information)
- Mr. C. Edward Schwartz, Mr. Mark Koenig
- IV. Mayo Renovation Planning Progress Report (Information)
- Mr. Cliff Fearing
- V. Program Development Objective (Endorsement)
- Mr. C. Edward Schwartz
- VI. Other

Minutes
Planning & Development Committee
June 13, 1984

CALL TO ORDER: Committee Chair Al Hanser called the meeting of the Planning and Development Committee to order at 10:40 a.m., Wednesday, June 13, 1984 in Hospital Dining Room III.

ATTENDANCE: Present; Al Hanser, Committee Chair
Lynn Hornquist
William Krivit, M.D.
John LaBree, M.D.
Virgil Moline
C. Edward Schwartz
I. Dodd Wilson, M.D.

Absent: Clint Hewitt

Staff: Greg Hart
Ed Howell
Nancy Janda
Mark Koenig

Guests: Bruce Flessner
Ken Merwin

APPROVAL OF MINUTES: The Committee seconded and passed a motion to approve the minutes of the May 9, 1984 meeting as written.

UMH&C CAPITAL GIFTS PLANNING STUDY: Mr. Bruce Flessner, of the Minneapolis based consulting firm of Benz, Whaley, Flessner & Associates highlighted the findings of the firm's Capital Gifts Planning Study for the members of the Planning & Development Committee. The study, he explained, examined the level of public confidence in the Hospitals, explored the potential constituencies for fundraising, the case for fundraising, the level of public support for hospital leadership, the general development environment and the capabilities internally for fundraising. The study concluded, in sum, that the Hospital should not, at the present time, actively pursue selected targets of development opportunities for gifts to Unit "J" but should instead, work to upgrade its development program, improve its public relations efforts and strengthen its marketing program. Following substantial discussion, the members of the Planning and Development Committee seconded and passed a motion endorsing the following development activities:

1. Do not pursue a formal fundraising campaign specifically for Unit J.
2. Develop a central list of needed equipment and furnishings for potential donors to review.
3. Enhance current system to better direct potential donors toward the appropriate giving opportunities.

RENEWAL
AND
RENOVATION
COMMITTEE
UPDATE:

Mr. Mark Koenig presented four information items to the Planning and Development Committee members including the settlement of co-axial cable contract with the Northwestern Bell Telephone workers, the current evaluation of the RFP responses for the new University telephone system, the recent media inquiry regarding our Socially and Economically Depressed (SED) contractors and, lastly, a concern expressed by the Masonary Institute as to whether the appropriate backing is being used for the bricks on Unit J.

Secondly, Mr. Koenig updated the committee members on the status of the Mayo/Heart Renovation planning being conducted under the guidance of the Renewal and Renovation Steering Committee. To date, he explained, the Robert Douglass Consultants have reviewed the physical conditions of those departments to remain in Mayo post-Unit J, they have evaluated the current condition of the buildings to determine potential for renovation and thirdly, they are in the process of assessing departmental need for new space or renovation. A set of criteria has been established, Mr. Koenig noted, to assist in equitably determining departmental prioritization in this renovation process. The final renovation recommendations will be presented to the Board of Governors in October and to the Board of Regents in November or December, 1984. Substantial committee discussion followed, including a reaffirmation by Dr. Krivit of his support for housestaff space post-Unit J.

UNIT J
UPDATE:

Mr. C. Edward Schwartz noted that the May 22, 1984 dedication of the new Department of Radiation Therapy. Calibration of the Linear Accelerators, he explained, continued as scheduled while patient treatment in the new department is scheduled for early August. Mr. Schwartz also noted that the construction documents are underway for the shell space on level 1 that will house Cardiopulmonary Labs and Endoscopy, along with some smaller space additions to Materials Management and Nutrition. The roofing, he reported, is now 99% complete and the brick work is now about 75% complete.

NURSING
STRIKE:

Mr. Schwartz updated the Committee members on the effects being felt at the University Hospitals of the Minnesota Nursing Association (MNA) strike. The daily census levels, he reported, have been at a slightly elevated level, fluctuating in the range of 510 to 550, rather than 460 to 470 prior to the strike. Staffing, particularly in Pediatrics and the Intensive Care Units, has been a bit tight, he reported, but additional temporary RN's were being actively recruited and hired. To date, few clinicians from the community have actually applied for emergency admitting privileges.

PURCHASING:

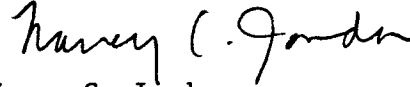
Mr. R. Edward Howell presented the second quarterly purchasing report to the Planning and Development Committee, noting that the numbers reflected would typically substantially higher as the purchasing policies were in effect for only a portion of this reporting period and due to an inherent time lag in the bid purchase cycle. Each quarterly purchasing report, Mr. Howell explained, will

be forwarded from the Planning and Development Committee to the Board of Governors and subsequently to the Board of Regents as part of the regularly scheduled quarterly report.

ADJOURNMENT:

There being no further business, the meeting of the Planning and Development Committee was adjourned at 12:30 p.m.

Respectfully submitted,



Nancy C. Janda
Executive Assistant
to the Board of Governors

STATE OF MINNESOTA



OFFICE OF THE BOARD
2ND FLOOR, METRO SQUARE
7TH AND ROBERT STREETS
SAINT PAUL, MINNESOTA 55101

PHONE: 296-2388

BOARD OF ARCHITECTURE, ENGINEERING, LAND SURVEYING AND LANDSCAPE ARCHITECTURE

June 15, 1984

Mr. David M. Lilly
Vice President for Finance
and Operations
University of Minnesota
301 Morrill Hall
100 Church Street SE
Minneapolis, Minnesota 55455

Dear Mr. Lilly:

The Board Complaint Committee recently viewed a slide presentation of construction procedures being used on the new University of Minnesota Hospital Building. The presentation left the Committee members with a deep concern that there exists a grave potential for failure of the building's external brick veneer. The concern is based on the design and construction of the exterior walls. The Committee believes there is a legitimate question as to whether the method being used will secure the veneer to the building over an extended period of time. A failure of this system would result not only in a serious danger to the public, but also great expense and disruption to the University.

We request that the Complaint Committee meet with you at a time and place of your choosing and convenience for the purpose of discussing this matter. It would be helpful to also have representatives of the University Physical Planning and Building Officials Office, to include the Chief Building Inspection official, available for this discussion.

If you have any questions concerning our request, please call me at 296-2388.

Sincerely,

Lowell E. Torseth
Lowell E. Torseth
Executive Secretary

LET:ca

cc: C. Peter Magrath
Board of Regents

AN EQUAL OPPORTUNITY EMPLOYER





TWIN CITY TESTING
and engineering laboratory, inc.

662 CROMWELL AVENUE
ST. PAUL, MN 55114
PHONE 612/645-3601

REPORT OF: TESTING OF ADJUSTABLE WIRE TIE

PROJECT: UNIVERSITY OF MINNESOTA HOSPITAL

DATE: July 2, 1984

REPORTED TO: Ellerbe Arch-Engr-Planners
Attn: Bud Erickson
One Appletree Square
Bloomington, MN 55420

FURNISHED BY:

COPIES TO:

LABORATORY No. 1-34947

INTRODUCTION

This report presents the results of our recent testing of the adjustable metal wire tie being installed in the masonry at the University of Minnesota Hospital project. We understand there is concern about damage of the gypsum sheeting from the wall tie. We received a prototype of the wall system for testing. The scope of the work consisted of applying a load to the wall system through the wall tie and measuring deformation. The purpose of the work is to determine the likelihood of damage to the gypsum sheeting by the tie.

CONCLUSIONS

Based on the results of our laboratory testing, it is our opinion the following conclusions are appropriate:

1. An indentation of less than 0.01" occurs from a load simulating the maximum design wind pressure when applied to the wall system through the tie under full bearing or corner bearing.
2. A load of nearly 500 lbs is needed to cause an indentation sufficient to bring the entire surface of the tie into bearing under either full tie bearing or corner bearing.
3. It is not likely that the gypsum sheeting will be damaged from the adjustable metal tie under wind loading.

ENGINEERING REVIEW

We understand a maximum design wind load of 36 psf is applicable to the hospital project. Further, that only the upper floors are subject to this design condition. The adjustable metal ties are spaced at 16" vertically and horizontally along the wall. A tributary load of 64 lbs is therefore associated with the maximum wind loading on a single tie. A force of three times the maximum wind loading is needed to obtain a slight deformation of the gypsum sheeting. The tie does not fully bear on the wall system until an embedment equal to the radius of the tie is obtained. A load of six to eight times the maximum wind load is needed to obtain the embedment for full contact. As the forces needed to mar the gypsum sheeting surface are much larger than the force from the wind loading, damage of the gypsum sheeting is not likely.



REPORT OF:

TESTING OF ADJUSTABLE WIRE TIE

DATE: July 2, 1984

LABORATORY No. 1-34947

PAGE: 2

TESTING METHODS AND RESULTS

On June 15, 1984, we obtained the prototype wall sample from the construction manager. The sample measured 2 1/2' x 2'. The sample consisted of a three-stud panel. The 6", 16 gauge studs are positioned 16" on-center. The studs are covered with a 1/2" exterior grade, waterproof gypsum sheeting fastened by metal screws. The surface of the gypsum sheeting is covered with a 15# felt. The felt measures 0.031" in thickness. Three metal straps are attached to the prototype at the studs using metal screws. The metal straps supplied by AA are 14 gauge material, 8 1/2 x 7/8" in size. The 3/16" diameter metal tie loops behind the strap and is embedded in the mortar joint of the masonry. We tested the wall system surface under two loading conditions - full tie bearing and corner bearing.

In testing the wall system, we pushed the metal ties into the wall surface. We welded a metal plate to the tie to facilitate the application of load. We applied the load using a 2-ton capacity hydraulic ram and pump system. We measured the load using a load cell of 1400-lb capacity. Wire brazed to the tie traveled past a steel rule allowing measurement of the indentation of the tie. The steel rule permitted measuring to 0.01". We applied loads in increments of approximately 100 lbs. Photos 1 and 2 show the load test set-up.

Full Tie Bearing

Initially we loaded the wall system using the tie in full bearing. We increased the load at increments of 100 lbs until additional load could not be sustained. Table 1 contains the test information. The tie transmitted a maximum load of 1230 lbs at which point the gypsum sheeting continued to deform under a constant load. A force of 500 lbs provided sufficient indentation to bring the surface of the tie in full contact with the wall system. The wall system required a force of 200 lbs to obtain a measurable amount of deformation - 0.02". The wall system received a second load test. We cut the felt and removed the felt to permit observations of the surface of the gypsum sheeting. A slight indentation could be seen in the surface of the gypsum sheeting after the application of ten loads of 100 lbs. We estimated the indentation to be approximately 0.001" based on surface roughness.

Corner Bearing

We also tested the prototype using a corner loading of the wire tie. We applied load to the metal tie at 100 lb increments until failure. The wall system sustained a maximum load of 1240 lbs at which point the gypsum sheeting continued to deform under constant load. A force of greater than 400 lbs was needed to bring the tie in full contact with the wall system. A force of 200 lbs was needed to obtain a measurable level of indentation of the wall system - 0.03".

RDS/st

Richard D. Stehly
Richard D Stehly, P.E.
Chief Engineer

TABLE 1

Metal Tie Under Full Bearing

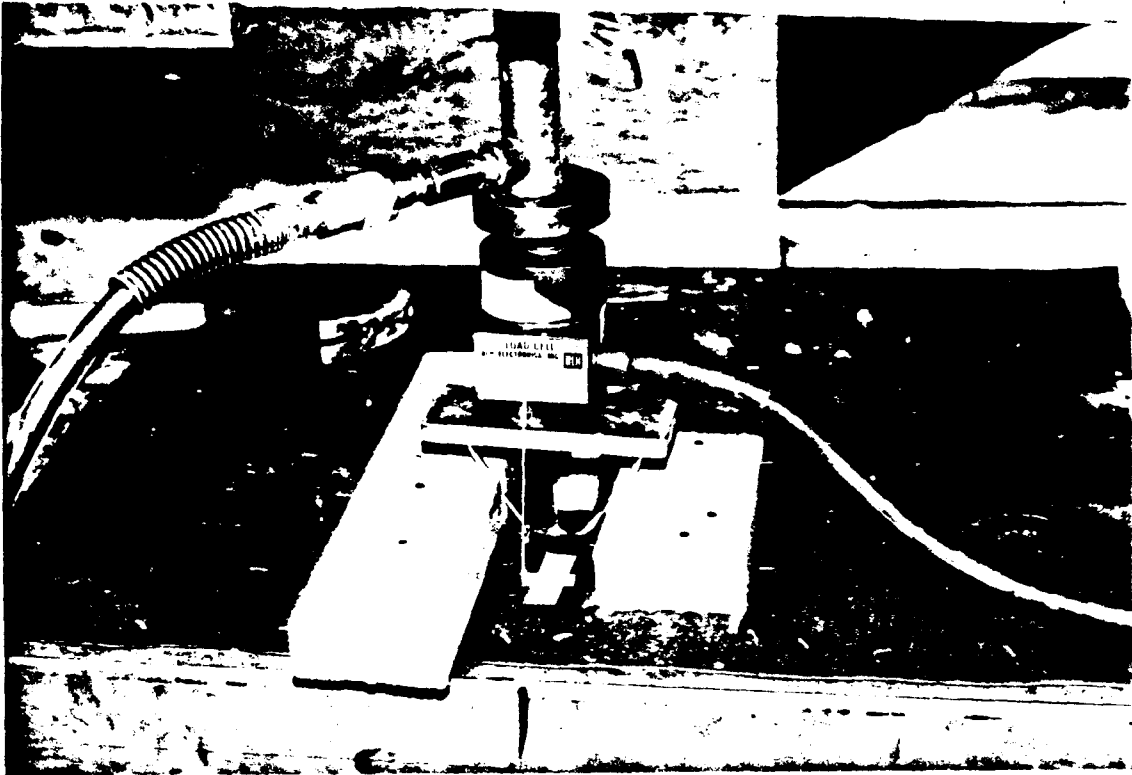
<u>Load, lbs</u>	<u>Indentation, in.</u>
0	-
108	-
200	0.02
300	0.05
405	0.07
500	0.09
600	0.10
700	0.12
800	0.14
900	0.15
1000	0.17
1100	0.18
1200	0.19
1230	0.29

UNIVERSITY OF MINNESOTA HOSPITAL
LABORATORY NO. 1-34947

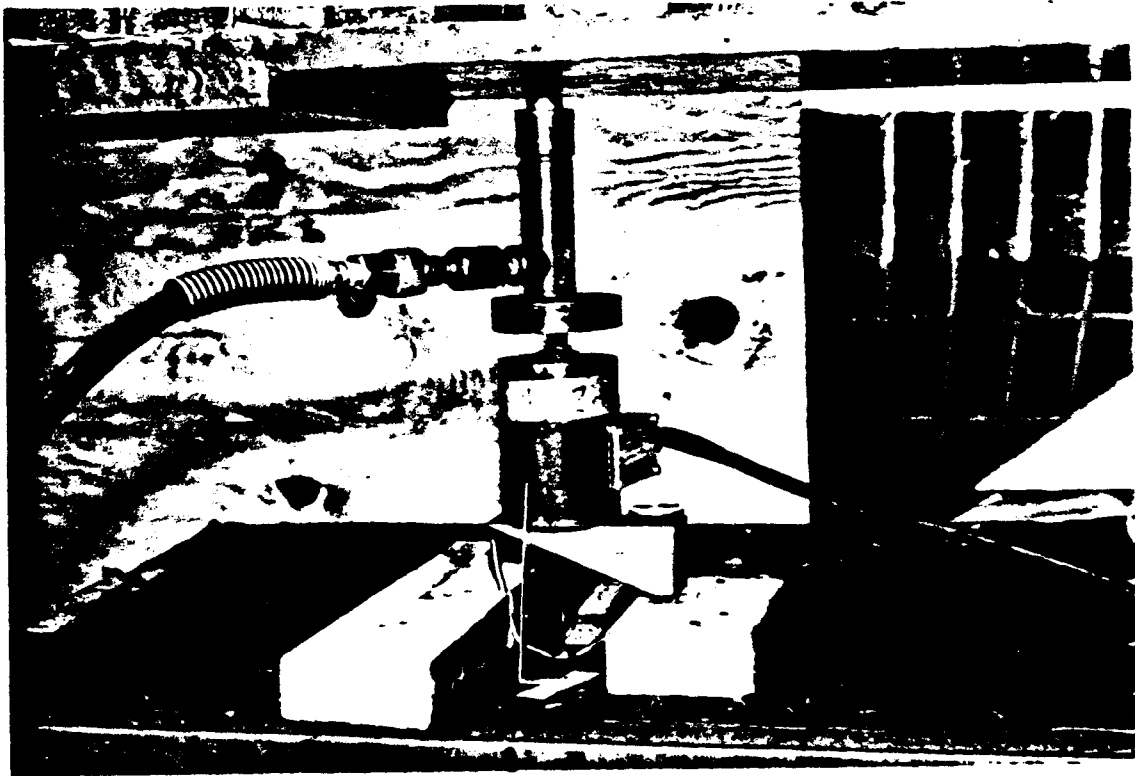
TABLE 2

Metal Tie Under Corner Bearing

<u>Load, lbs</u>	<u>Indentation, in.</u>
75	-
200	0.03
300	0.05
400	0.08
500	0.13
600	0.17
700	0.20
800	0.23
900	0.26
1000	0.30
1100	0.33
1240	0.35



Metal Tie Under Full Bearing



Metal Tie Under Corner Bearing



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TWIN CITIES

University Hospitals and Clinics
420 Delaware Street S.E.
Minneapolis, Minnesota 55455

TO: Members of the Planning and Development Committee,
Board of Governors

FROM: C. Edward Schwartz, Hospital Director *C. E. Schwartz*

DATE: July 6, 1984

SUBJECT: Program Development Objective

At its May meeting the Planning and Development Committee reviewed the Institutional Objectives for the Hospital for fiscal year 1984-85. At that time the Committee proposed an objective that would enhance volume by providing support to clinical programs that would attract new or incremental patient populations. The Hospital agreed to work with the Clinical Chiefs to define such an objective and to make a recommendation to the Committee, and subsequently to the Board of Governors. The purpose of this memorandum is to propose that objective.

Background

The Hospital initiated discussion regarding this objective with the Clinical Chiefs during their retreat on June 9, 1984. At that time, the Chiefs agreed to establish an Executive Committee of the Clinical Chiefs and empower that Committee with monitoring responsibility for these efforts. The Hospital proposed that a portion of that monitoring effort would include receiving proposals from the various Clinical Services and to make recommendations to the Hospital Director on those proposals deemed to be of the greatest merit. The Hospital now proposes the following objective to guide that process.

Objective

The Hospital will establish a fund of one million dollars (\$1,000,000) to be used to support approved Clinical Services proposals that will directly enhance Hospital patient activity volumes. Proposals will be reviewed by the Executive Committee of the Council of Clinical Chiefs or a similarly designated panel which shall in turn make recommendations to the Hospital Director. The Hospital shall submit the initial group of project proposals to the Board of Governors for its approval and report subsequent projects on a monthly basis.

Recommendation

It is recommended that the Planning and Development Committee endorse the above objective and forward same to the Board of Governors for final consideration.

CES/sds

UNIVERSITY HOSPITALS RENEWAL PROJECT

PROGRESS REPORT

JULY 1, 1984

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Cover Photo: Southeast corner of Unit J being prepared for
brick installation

OVERVIEW

BID PACKAGE STATUS

Contracts awarded to date	30
Bid packages cancelled	2
Bid packages currently out for bid	0
Bid packages left to bid	2
<u>Total packages to be bid</u>	<u>34</u>

SCHEDULE STATUS

	Original Substantial Completion Date	Original Certified Completion Date	Approved Schedule Extension (Days)	Current Substantial Completion Date	Current Certified Completion Date
Therapeutic Radiology	Jan. 1, 1984	Jan. 1, 1984	58	Feb. 29, 1984	Feb. 29, 1984
Unit J	Mar. 1, 1984	Dec. 1, 1984	0	Mar. 1, 1986	Dec. 1, 1986

BUDGET STATUS

	Total Budget	Estimated Work/Fee to Date	Committed to Date	Percentage of Budget Committed	Paid to Date	Percentage of Budget Paid	Over(Under) Estimate	Percentage Over(Under) Estimate
Building Costs	\$ 93,521,525	\$ 86,703,410	\$ 75,953,130	81.2%	\$ 32,335,250	34.6%	(\$10,750,280)	(12.4%)
Non-Building Costs	\$ 31,781,041	\$ 15,802,714	\$ 15,802,714	49.7%	\$ 11,910,099	37.5%	-	-
	\$125,302,566	\$102,506,124	\$ 91,755,844	73.2%	\$ 44,245,349	35.3%	(\$10,750,280)	-

UNIVERSITY HOSPITALS RENEWAL PROJECT

PROGRESS REPORT

JULY 1, 1984

CONSTRUCTION ACTIVITIES

- . Finishing work continues in Therapeutic Radiology. The final stage of the linear accelerator calibration are in process. The first patients are scheduled for treatment on July 23, 1984.
- . Construction of the Magnetic Resonance Imaging (MRI) suite continues in preparation for the receipt of the magnet and RF shielding in July. All work is progressing on schedule in anticipation of a September construction completion.
- . Structural fireproofing has been completed in all areas except for miscellaneous patching. Fire protection system installation of sprinkler mains and branch lines continues on Level Eight.
- . The majority of the building enclosure is completed. The roof will not be finished until the brick work is completed on the east face of Unit J.

Brick work has progressed to 95% complete; the south east section of the building remains unfinished. Brickwashing is currently taking place on both the north and south faces.

Windows are being installed at all levels of Unit J and are now 80% complete.
- . The completion of the building enclosure has provided areas for interior work to progress. The closing up of mechanical shafts is 75% complete on all floors. 75% of the electrical closets are ready to be painted. Level 4 interior studs are being installed followed by the installation of plastered soffits.
- . Door frames are being installed in the basement, on Level One and Level Four.
- . The selection process has begun for floor and wall finish materials and colors.
- . The pneumatic tube and material transport system installation is progressing well ahead of schedule.
- . The installation of the cooling tower is 85% complete. Duct work is being installed in the basement and portions of Levels Two and Four, work is completed on Level One, and sections of Levels Two and Four.
- . The electrical contractor is currently installing feeder and branch conduit on Levels Two - Eight. The trench duct on Level Two is complete.
- . Elevators #6 and #12, previously slated for future completion have been added to the project and are scheduled to be completed with the remainder of the building.
- . Sixteen contractors were mobilized on site during June with an average manpower of 203 persons.

UNIVERSITY HOSPITALS RENEWAL PROJECT

CONTRACT AWARD SUMMARY

DESCRIPTION	BID PACK #	ESTIMATE	LOW BID	VARIANCE	S.E.D. FIRMS	MINORITY FIRMS	CONTRACTOR
Construction Fence	1	\$ 26,571	\$ 25,168	\$ (1,403)	A-1 Excavating \$ 760		Crowley Fence Company St. Paul, Mn.
Preconstruction Work	2	240,487	126,300	(114,187)	SACO \$ 3,800		Sheehy Construction Company St. Paul, Mn.
Apartment Building Demolition	3	9,240	9,240	-0-	Roy-A1 \$ 300		A. Kamish & Sons St. Paul, Mn.
Powell Hall Demolition	4	365,936	348,975	(16,961)	Roy-A1 \$11,000		Controlled Demolition Baltimore, Maryland
Mass Excavation	5	1,358,671	935,050	(423,621)	Texture Master \$29,000	A-1 Excavating M.A.C. Trucking Jewat Trucking	Carl Bolander & Sons Minneapolis, Mn.
Cancelled	6						
Cancelled	7						
Temporary Power Substation	8	61,768	51,166	(10,602)	Gombolt Electric Inc. \$51,166		Gombolt Electric, Inc. Minneapolis, Mn.

UNIVERSITY HOSPITALS RENEWAL PROJECT

CONTRACT AWARD SUMMARY

DESCRIPTION	BID PACK #	ESTIMATE	LOW BID	VARIANCE	S.E.D. FIRMS	MINORITY FIRMS	CONTRACTOR
Radiation Therapy & Masonic Tower, Civil, Structural and Building Enclosure	9	\$2,000,000	\$1,971,800	\$(28,200)	Bay Mills \$16,900 Economy Concrete Placer \$12,510 Allied Steel \$11,127.28	Dunsheath Construction \$50,000	Arkay Construction Co. Minneapolis, Mn.
Radiation Therapy & Masonic Tower, Electrical	10	\$ 546,884	\$ 308,668	\$(238,216)	Barber Electric Company \$529.72 Reco Supply Lampco Supply \$733.90 M&M Electric, Inc \$14,736.48 Total-\$16,000	Barber Electric Company \$1,992.27 M&M Electric Company \$4,373.52 Total-\$6,365.79	Hayes Contractors, Inc. Minneapolis, Mn.
Radiation Therapy & Masonic Tower Mechanical	11	\$1,119,016	\$ 682,000	\$(437,016)	Sarah, Inc. \$35,000	Sarah, Inc. \$39,342.11	Axel Newman Heating & Plumbing Company St. Paul, Mn.
Radiation Therapy & Masonic Tower Architectural	12	\$ 444,233	\$ 468,440	+\$ 24,207	TCM Construction \$25,840		Knutson Construction Minneapolis, Mn.
Drilled Piers	13	\$ 117,450	\$ 271,991	+\$154,541	Allied Steel & Engineering \$9,100 Infield Welding \$4,825.00		Layne Minnesota Company Minneapolis, Mn.
Structural Steel	14	\$5,720,738	\$4,600,000	\$(1,120,738)	S.L.K. Construc. Co., Inc. \$242,950.00	S.L.K. Construc. Co., Inc. \$485,389.00	L.L. LeJeune Co. Minneapolis, Mn.

UNIVERSITY HOSPITAL RENEWAL PROJECT

CONTRACT AWARD SUMMARY

DESCRIPTION	BID PACK #	ESTIMATE	LOW BID	VARIANCE	S.E.D. FIRMS	MINORITY FIRMS	CONTRACTOR
Foundations and Concrete	15	\$4,142,700	\$3,529,700	\$ (613,000)	Allied Steel \$56,500 E-Con Placer \$65,000 Infield Welding \$165,000 Battle Electric \$ 4,797 Bay Mills Construction & Supply \$ 15,600 Thermal & Moisture Protection \$ 95,000		Lovering Associates, Inc. St. Paul, Mn.
Elevators	16	\$1,591,451	\$1,610,000	\$ + 13,549			Gust Lagerquist & Sons, Inc. Minneapolis, Mn.
Construction Hoisting	17	\$ 150,108	\$ 129,344	\$ (20,764)	Infield Welding \$ 22,500		Advance Equipment Company Minneapolis, Mn.
Building enclosure	18	\$5,375,243	\$5,061,600	\$ (313,643)	Quality Materials, Inc. \$91,000 Battle Crane Service \$30,000 Infield Welding \$20,000 So. Side Plumbing & Heating \$125,000		Lovering Associates, Inc. St. Paul, Mn.

UNIVERSITY HOSPITALS RENEWAL PROJECT

CONTRACT AWARD SUMMARY

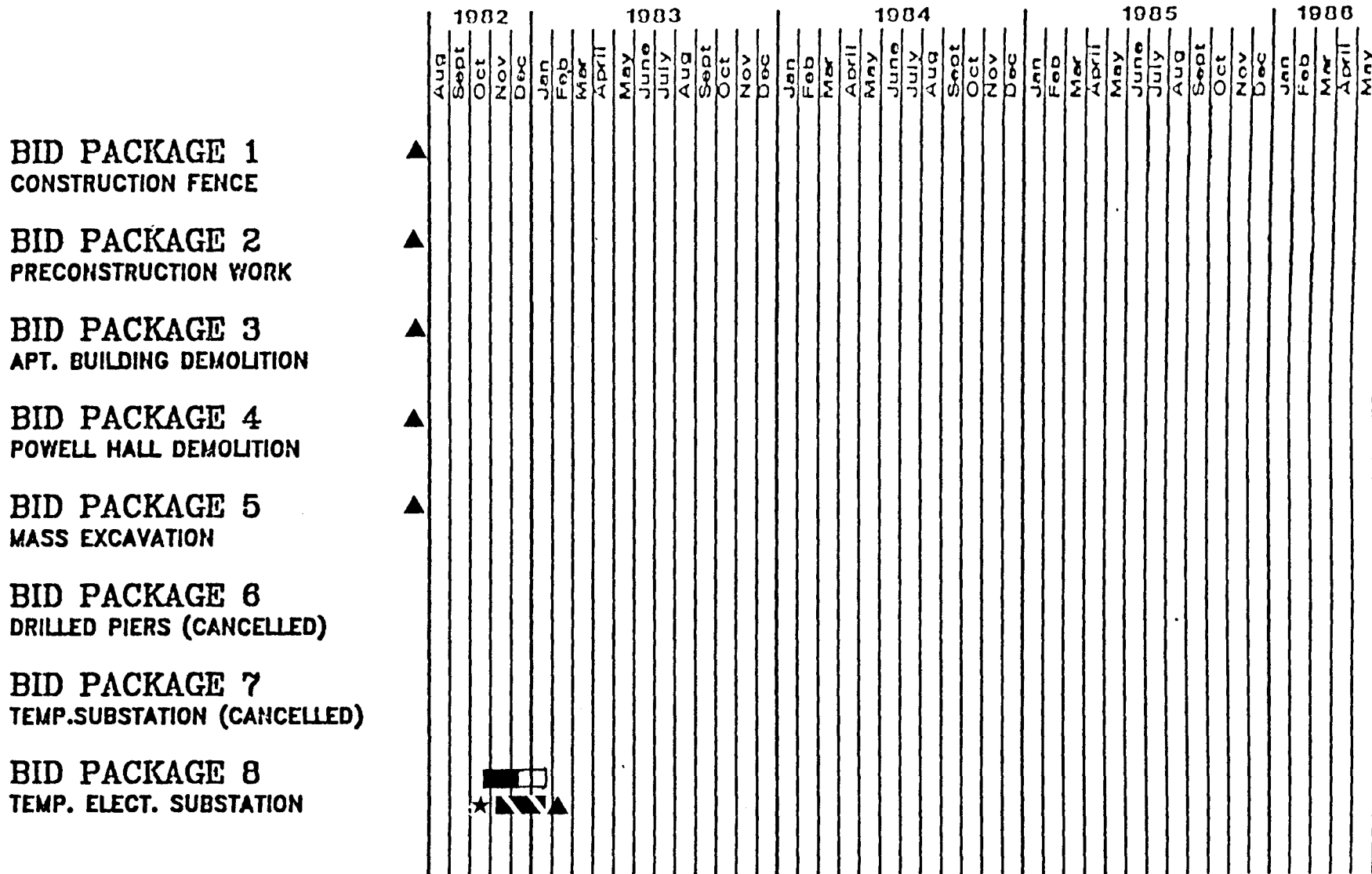
DESCRIPTION	BID PACK #	ESTIMATE	LOW BID	VARIANCE	S.E.D. FIRMS	MINORITY FIRMS	CONTRACTOR
Structural Studs, Insulation, Drywall & Plaster	19	\$ 4,754,374	\$4,289,310	\$ (465,064)	Reyes Drywall System \$215,000		Olympic Wall Systems Minnetonka, Mn.
Interior General Construction	20	\$ 5,087,767	\$4,708,500	\$ (379,267)	Lance Service, Inc. \$53,000 T.C.M. Construction \$262,500	Allied Steel & Engineering \$800.00 S.L.K. \$97,544.00	Knutson Construction Minneapolis, Mn.
Acoustical Ceilings	21	\$ 598,065	\$ 497,720	\$ (127,231)	Glanton Construction \$25,000		Acoustics Associates Minneapolis, Mn.
Quarry Tile, Ceramic Tile, Terrazzo & Epoxy Flooring	22	\$ 654,411	\$ 652,365	\$ (2,046)	H.E.R. Construction Svcs Inc., \$326,000	H.E.R. Construction Svcs Inc., \$326,365	Grazzini Brothers & Co. Bloomington, Mn.
Resilient Flooring & Carpet	23	\$ 513,379	\$ 497,050	\$(18,329)	F.S. Foster & Assoc., Inc. \$26,000.00		Architectural Sales of Minnesota, Inc. New Hope, Mn.
Paint & Wall Finishes	24	\$ 677,873	\$ 355,506	\$(322,367)		TCM Construction Company \$17,775.00	Julius B. Nelson & Son, Inc. Minneapolis, Mn.
Kitchen Equipment	25	\$ 922,159	\$1,236,450	\$ 314,291	Lang Custom Metals \$65,898.00		Aslesen's Minneapolis, Mn.
Pneumatic Tube System (PTS)	26	\$ 500,000	\$ 441,000	\$ (59,000)	Wilson Electric \$22,200.00		Quantum Industries, Inc. Santa Rosa, Ca.
Material Transport System (MTS)	27	\$1,500,000	\$1,350,000	\$ (150,000)	Wilson Electric \$55,000.00		Mosler-An American Standard Company Wayne, New Jersey

UNIVERSITY HOSPITAL RENEWAL PROJECT

CONTRACT AWARD SUMMARY

DESCRIPTION	BID PACK #	ESTIMATE	LOW BID	VARIANCE	S.E.D. FIRMS	MINORITY FIRMS	CONTRACTOR
Plumbing, Medical Gas	28	\$4,074,994	\$4,125,000	\$ 50,006	Sarah Incorporated \$ 88,500.00 Ed Anderson Insulation \$ 241,200.00		Harris Mechanical St. Paul, Mn.
H.V.A.C.	29	\$13,442,531	\$9,083,000	\$(4,359,531)	A-1 Excavating, Inc. \$260,082.00 R&S Heating & A/C, Inc. \$195,595.97	Ed Lacy, Inc. \$293,807.00 Environmental Systematics \$353,571.00	Axel Newman Heating & Plumbing St. Paul, Mn.
Fire Protection Sprinklers	30	\$ 966,885	\$ 706,716	\$(260,169)		Sarah Contracting, Inc. \$70,000	Carlson Auto Fire Protection Co. St. Paul, Mn.
Building Automation	31	\$ 3,400,000	\$2,526,336	\$(873,664)	Tim's Electric, Inc. \$ 40,000.00 Ed Barber Electric Supply, Inc. \$ 86,350.00		Minneapolis Honeywell, Inc. Mpls., Mn.
Electric & Temporary Electric	32	\$ 9,787,301	\$6,392,800	\$(3,394,501)	Wilson Electric		Commonwealth Electric, Mpls., Mn.

UNIVERSITY OF MINNESOTA HOSPITALS AND CLINICS UNIT J CONSTRUCTION SCHEDULE



▬ Construction Schedule

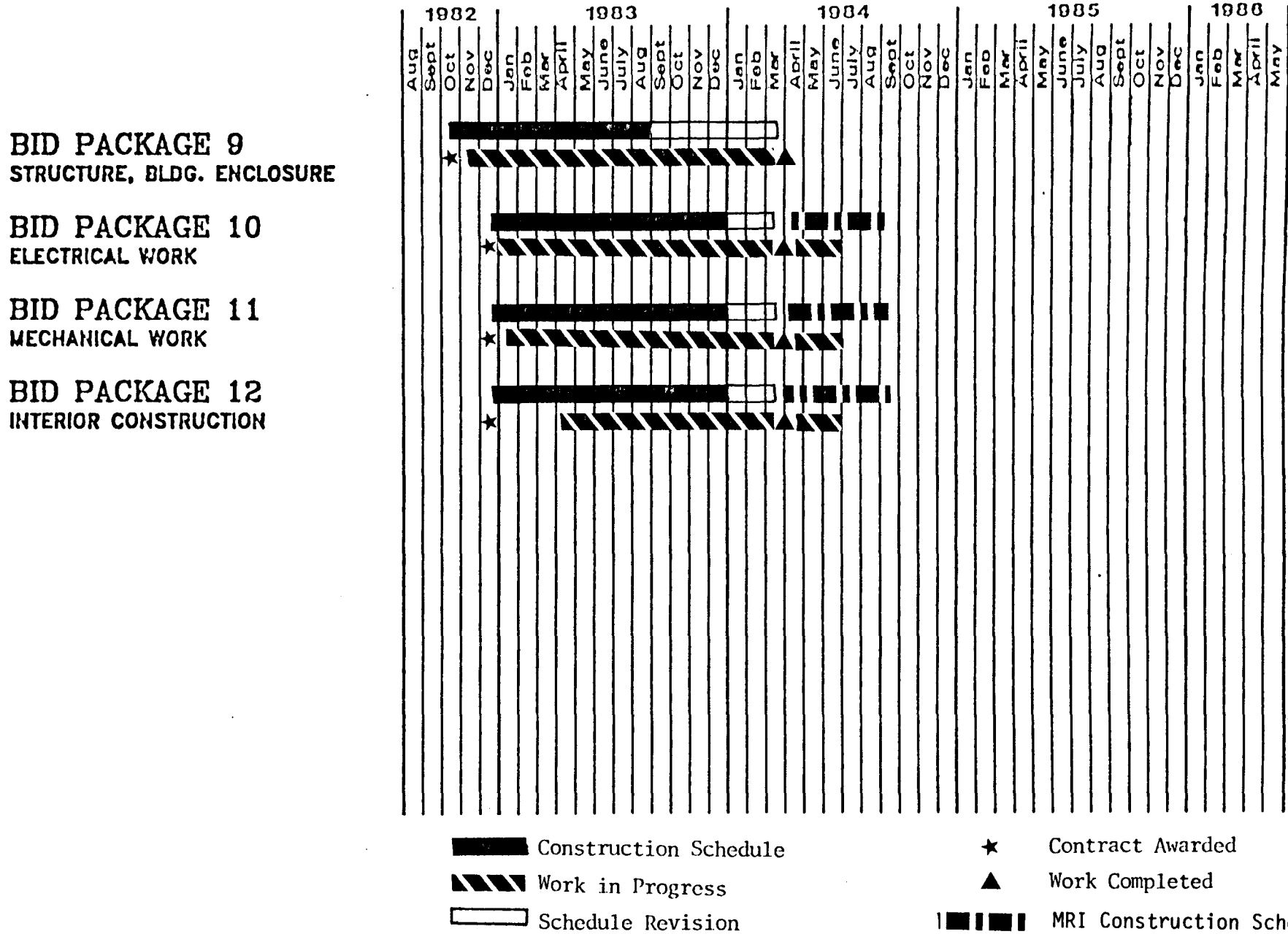
▨ Work in Progress

▭ Schedule Revision

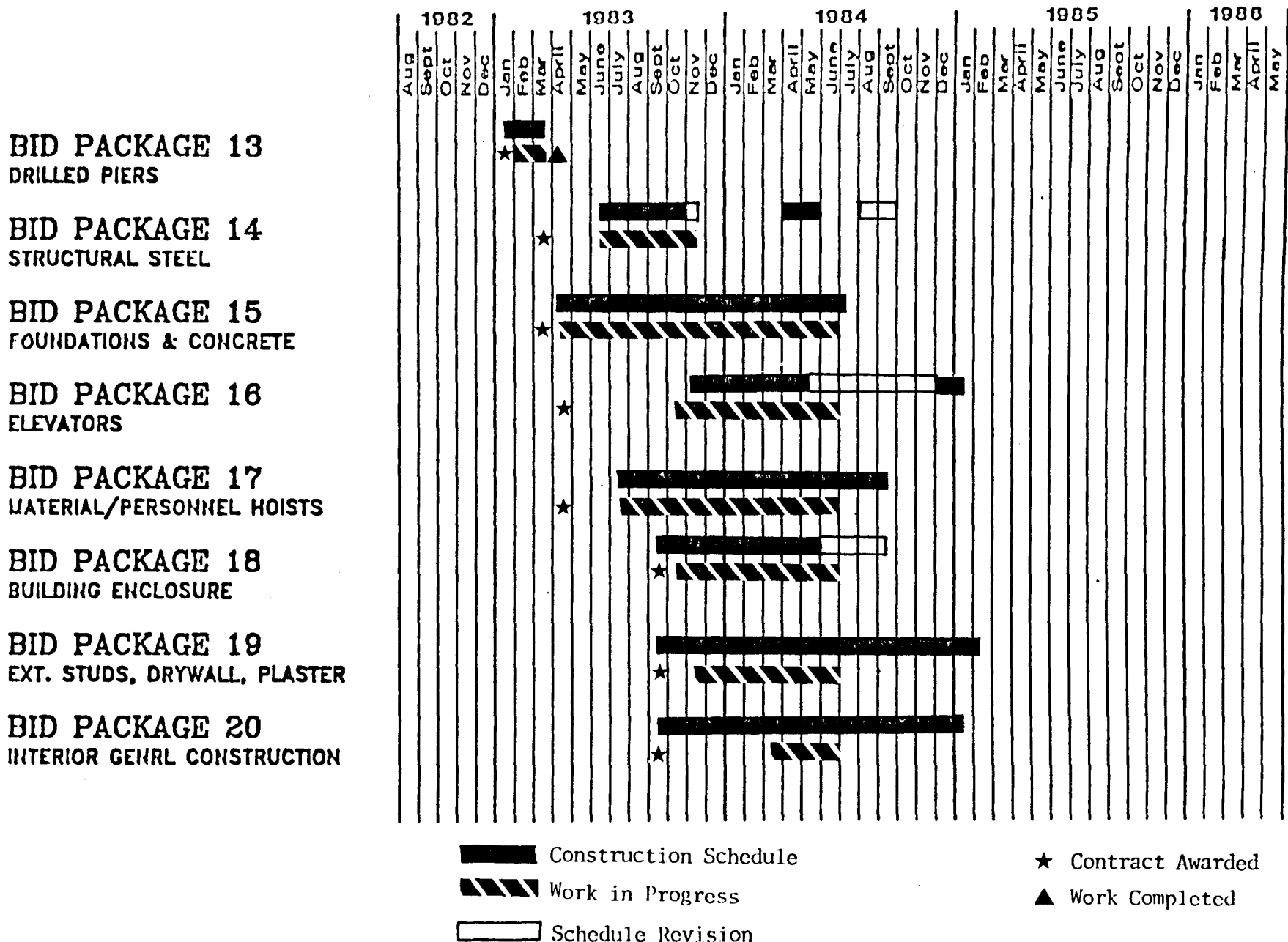
★ Contract Awarded

▲ Work Completed

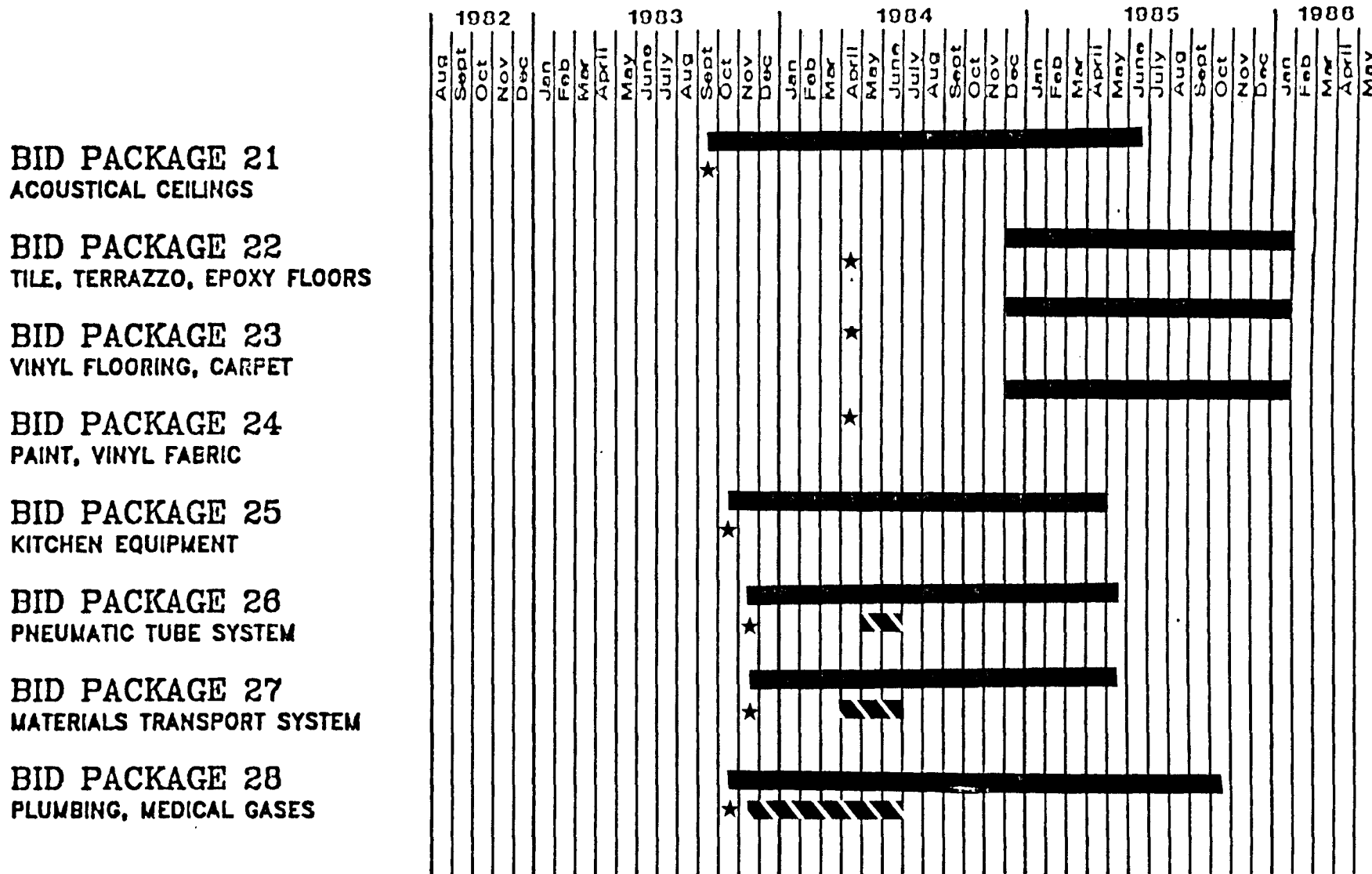
UNIVERSITY OF MINNESOTA HOSPITALS AND CLINICS RADIATION THERAPY CONSTRUCTION SCHEDULE



UNIVERSITY OF MINNESOTA HOSPITALS AND CLINICS UNIT J CONSTRUCTION SCHEDULE



UNIVERSITY OF MINNESOTA HOSPITALS AND CLINICS UNIT J CONSTRUCTION SCHEDULE



Construction Schedule
 Contract Awarded
 Work in Progress
 Work Completed
 Schedule Revision

UNIVERSITY OF MINNESOTA HOSPITALS AND CLINICS UNIT J CONSTRUCTION SCHEDULE

BID PACKAGE 29
HEAT, VENT, AIR CONDITIONING

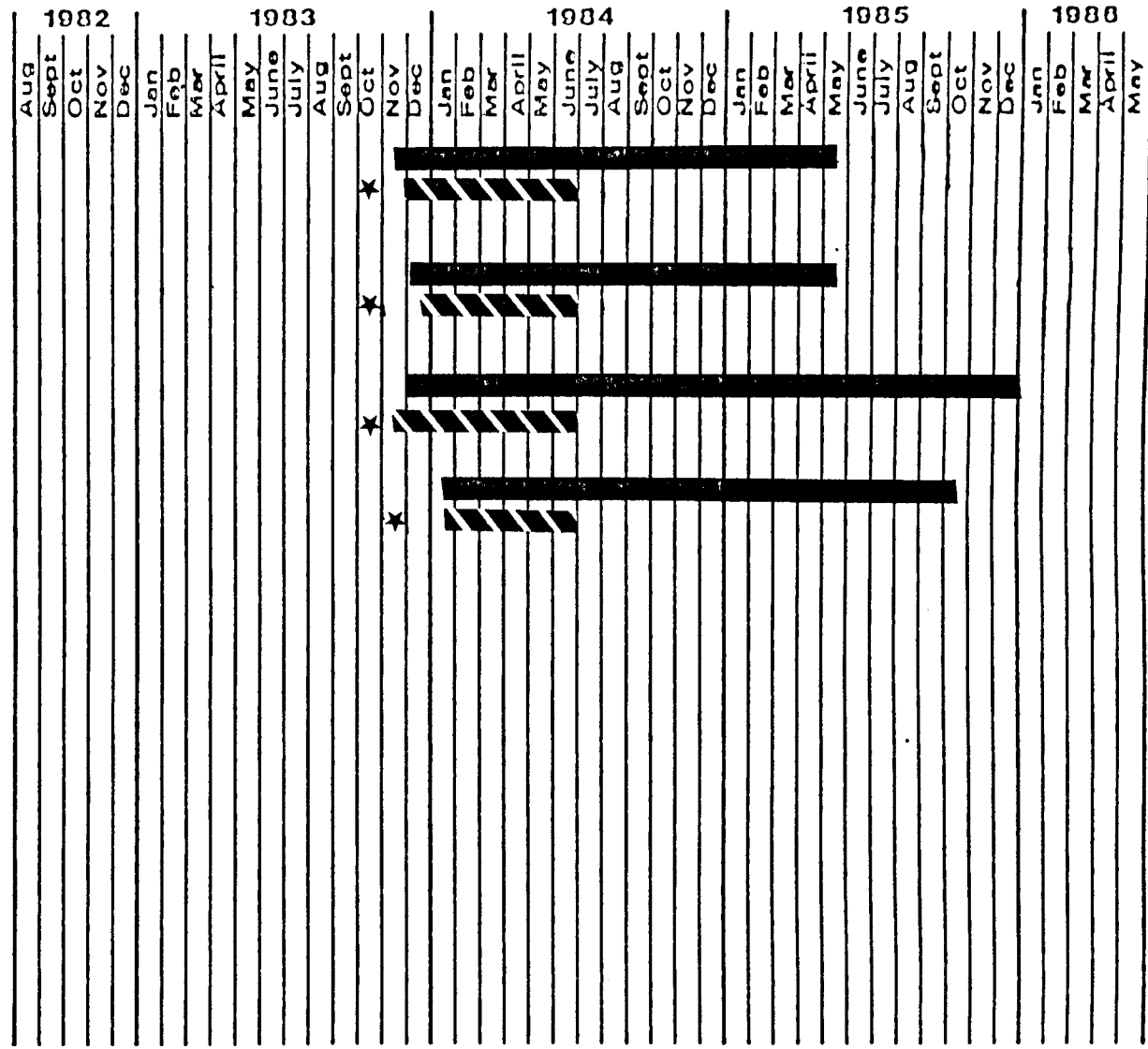
BID PACKAGE 30
FIRE PROTECTION SYSTEM

BID PACKAGE 31
BUILDING AUTOMATION SYSTEM

BID PACKAGE 32
ELECTRICAL

BID PACKAGE 33
SITEWORK

BID PACKAGE 34
FINAL CLEAN UP



<p>■ Construction Schedule</p> <p>▨ Work in Progress</p> <p>□ Schedule Revision</p>	<p>★ Contract Awarded</p> <p>▲ Work Completed</p>
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UNIVERSITY HOSPITALS RENEWAL PROJECT

CONSTRUCTION PROGRESS REPORT

Bid Package #1-9

Contract Awards	\$3,483,853.00	
Total Cost	\$3,555,544.00	100% Complete

- Bid Package #1 - Project Fence.
- Bid Package #2 - Modifications to K/E Unit, Mayo Unit, Masonic Memorial Hospital, Diehl Hall and Site Work to accommodate new construction.
- Bid Package #3 - Demolition and removal of apartment building.
- Bid Package #4 - Implosion of Powell Hall and adjustments at interface points.
- Bid Package #5 - Mass excavation, sheeting and shoring, removal and modification of site utilities.
- Bid Package #6 - Drilled Piers - (Cancelled).
- Bid Package #7 - Temporary Electrical Sub-station - (Cancelled).
- Bid Package #8 - Temporary Electrical Sub-station Installation.
- Bid Package #9 - Radiation Therapy - Civil & Structural.

Bid Package #10 - Radiation Therapy - Electrical

Contractor: Hayes Electrical Division, Minneapolis, Minnesota

Contract Award	\$308,666.00	Cost To Date	\$438,046.00 (R.T.)
Net Changes	132,326.00	99% Complete	
NMR	130,394.00	Cost To Date	46,856.00 (NMR)
Total	571,386.00	36% Complete	

Scope of Work Electrical Installation for Radiation Therapy.

Seventy-nine (79) Change Estimates have been issued to date of which sixty-eight (68) have resulted in Change Orders to Bid Package #10 Contract, totaling \$262,720.00, \$130,394.00 is for NMR electrical work.

The work for Radiation Therapy under Bid Package #10 is complete except for changes that the Owner has requested. Final inspection has been completed and Certificate of Substantial Completion issued.

NMR electrical work is proceeding on schedule. Rough in work is proceeding as studs are erected.

Bid Package #11 - Radiation Therapy - Heating and Plumbing

Contractor: Axel Newman Heating and Plumbing Co., Minneapolis, Minnesota

Contract Award	\$682,000.00	Cost To Date	\$755,680.00 (R.T.)
Net Changes	84,604.00	99% Complete	
NMR	290,441.00	Cost To Date	203,603.00 (NMR)
Total	\$1,057,045.00	71% Complete	

Scope of Work Heating and plumbing for Radiation Therapy.

Fifty-seven (57) Change Estimates have been issued to date of which forty-six (46)

Bid Package #11 - Radiation Therapy (cont'd)

have resulted in change orders to Bid Package #11 contract, totaling \$375,045.00, \$290,441.00 is for NMR mechanical work.

Final inspection has been completed and Certificate of Substantial Completion issued for work in Radiation Therapy. NMR work is on schedule with Med Gas and water being piped.

Bid Package #12 - Radiation Therapy - Architectural and Specialties

Contractor: Knutson Construction Company, Minneapolis, Minnesota

Contract Award	\$468,440.00	Cost To Date	\$592,284.00 (R.T.)
Net Changes	134,990.00	99% Complete	
NMR	299,992.00	Cost To Date	91,632.00 (NMR)
Total	903,422.00	31% Complete	

Scope of Work Furnish and install interior finishes and specialty architectural items within Radiation Therapy.

Eighty-nine (89) change estimates have been issued to date of which seventy-three (73) have resulted in change orders to Bid Package #12 contract, totaling \$434,982.00, \$299,992.00 is for NMR architectural work.

The work for Radiation Therapy under Bid Package #12 is complete except for punch-list items and changes that the Owner has requested. Certification of Substantial Completion has been issued. The stud installation in NMR is 99% complete and sheet rocking is now taking place.

Bid Package #13 - Drilled Piers (Main Structure)

Contractor: Layne Minnesota, Minneapolis, Minnesota

Contract Award	\$271,991.00	Cost To Date	\$276,288.00
Net Changes	4,237.00	100% Complete	
Total Cost	276,228.00		

The work is complete. Contract is closed and final payment has been made.

Bid Package #14 - Structural Steel (Main Structure)

Contractor: L.L. LeJeune Company, Minneapolis, Minnesota

Contract Award	\$4,600,000.00	Cost To Date	\$4,705,685.00
Net Changes	138,940.00	99.1% Complete	
Total Cost	4,738,940.00		

Scope of Work Furnish, fabricate and erect all structural steel and metal deck for the project.

Thirty-one (31) change estimates have been issued to date. Twenty-four (24) change estimates have resulted in a net increase totaling \$138,940.00.

The work under Bid Package #14 is complete with the exception of the new construction work at the northwest corner of Unit J. Reduction of retention has been approved. Certificate of Substantial Completion has been issued.

Bid Package #15 - Foundations and Concrete (Main Structure)

Contractor: Lovering Associates, Incorporated, Minneapolis, Minnesota

Contract Award	\$3,561,700.00	Cost To Date	\$3,762,534.00
Net Changes	493,039.00	93% Complete	
Total Cost	4,054,739.00		

Scope of Work To furnish materials and labor to install foundations and concrete remaining for Unit J. Includes drilled piers, pile caps, grade beams, reinforcing steel, concrete, forms, slabs on grade and concrete slabs on deck, ramps, excavation, backfill and renovations at K/E Building.

Seventy-eight (78) change estimates have been issued to Bid Package #15. Sixty-six (66) change estimates resulted in change orders increasing their contract by \$493,039.00.

The work under Bid Package #15 is substantially complete. Work remaining is the installation of the planters on the north and south elevations. Fire-proofing is now complete, except for miscellaneous patching.

Bid Package #16 - Elevators

Contractor: Gust. Lagerquist & Sons, Inc., Minneapolis, Minnesota

Contract Award	\$1,610,000.00	Cost To Date	\$1,450,372.00
Net Changes	5,129.00	90% Complete	
Total Cost	1,615,129.00		

Scope of Work Furnish and install all elevators and lifts in Unit J.

The installation of cars #15, #16 and #17 is complete. They are now installing doors, floor tracks and door frames. Also, the installation of the two future elevators is taking place, #6 and #12.

Bid Package #17 - Material/Personnel Hoists

Contractor: Advance Equipment Company, Minneapolis, Minnesota

Contract Award	\$129,344.00	Cost To Date	\$83,110.00
Net Changes	-0-	65% Complete	
Total Cost	129,344.00		

Removed material hoist from inside of Unit J and are now using elevator #15 and #17 as temporary hoists.

Bid Package #18 - Building Enclosure

Contractor: Lovering Associates, Incorporated, St. Paul, Minnesota

Contract Award	\$5,170,600.00	Cost To Date	\$2,842,794.00
Net Changes	58,711.00	55% Complete	
Total Cost	5,229,311.00		

Scope of Work Building Enclosure.

Roofing is now 99% complete. Block walls are being installed as needed by other Trade Contractors. Window installation is now 80% complete. Roof parapet and window sill precast is 99% complete. Brick is now 95% complete with the remaining

Bid Package #18 - Building Enclosure (cont'd)

major brick work to take place on the east elevation. Brick washing is taking place on both north and south elevations.

Bid Package #19 - Structural Studs

Contractor: Olympic Wall Systems, Minnetonka, Minnesota

Contract Award	\$4,302,110.00	Cost To Date	\$1,761,935.00
Net Changes	17,169.00	41% Complete	
Total Cost	4,319,279.00		

Scope of Work Structural Studs, Insulation, Drywall and Plaster.

The work is doing very well. The installation of the exterior studs is now substantially complete. The closing up of mechanical shafts is 75% complete on all floors. 75% of the electrical rooms on all floors have been studded, rocked, taped and sanded. Interior studs on Level 4C are also being installed. The installation of plastered soffits is taking place.

Bid Package #20 - Interior General Construction

Contractor: Knutson Construction Company, Minneapolis, Minnesota

Contract Award	\$4,719,875.00	Cost To Date	\$122,158.00
Net Changes	40,232.00	3% Complete	
Total Cost	4,760,107.00		

Scope of Work Interior general construction

The work under this Bid Package is now under way with door frame installation taking place on basement, Level One and 4C. Also installing equipment pads in basement as required by other contractors.

Bid Package #21 - Acoustical Ceilings

Contractor: Acoustic Associates, Minneapolis, Minnesota

Contract Award	\$499,220.00	Cost To Date	\$1,872.00
Net Changes	-0-	1% Complete	
Total Cost	499,220.00		

Scope of Work Acoustical Ceilings.

Submittal process and shop drawings are complete.

Bid Package #22 - Quarry Tile, Ceramic Tile, Terrazzo and Epoxy Flooring

Contractor: Grazzini Brothers and Company, Minneapolis, Minnesota

Contract Award	\$652,365.00	Cost To Date	\$4,550.00
Net Changes	-0-	.1% Complete	
Total Cost	652,365.00		

A preconstruction Conference was held in May. The Trade Contractor is proceeding with submittal requirements.

Bid Package #23 - Resilient Flooring and Carpet

Contractor: Architectural Sales of Minnesota, Minneapolis, Minnesota

Contract Award	\$497,050.00	Cost To Date	\$-0-
Net Changes	-0-	0% Complete	
Total Cost	-0-		

A Preconstruction Conference was held in May. The Trade Contractor is proceeding with submittal requirements.

Bid Package #24 - Paint and Wall Finishes

Contractor: Julius B. Nelson and Son, Inc., Minneapolis, Minnesota

Contract Award	\$355,506.00	Cost To Date	\$-0-
Net Changes	-0-	0% Complete	
Total Cost	-0-		

A Preconstruction Conference was held in May. The Trade Contractor is proceeding with submittal requirements.

Bid Package #25 - Food Service Equipment

Contractor: Aslesen Company, Minneapolis, Minnesota

Contract Award	\$1,236,450.00	Cost To Date	\$-0-
Net Changes	-0-	0% Complete	
Total Cost	-0-		

Scope of Work Food Service Equipment

Shop drawings have been submitted and approved for equipment on Level One. Level Eight shop drawings have also been submitted and approved.

Bid Package #26 - Pneumatic Tube System

Contractor: Quantum Industries, Incorporated, Santa Rosa, California

Contract Award	\$526,200.00	Cost To Date	\$89,166.00
Net Changes	-0-	17% Complete	
Total Cost	526,200.00		

Scope of Work Furnish and install Pneumatic Tube System.

The Pneumatic Tube System is now being installed on several floors, which puts this system well ahead of schedule.

Bid Package #27 - Material Transport System

Contractor: Mosler Systems Division, Wayne, New Jersey

Contract Award	\$1,105,932.00	Cost To Date	\$169,108.00
Net Changes	-0-	16% Complete	
Total Cost	1,105,932.00		

Scope of Work Furnish and install Material Transport System.

The installation of the Material Transport System is going very well and ahead of schedule.

Bid Package #28 - Plumbing and Medical Gases

Contractor: Harris Mechanical Contracting, St. Paul, Minnesota

Contract Award	\$4,125,950.00	Cost To Date	\$1,923,490.00
Net Changes	60,228.00	46% Complete	
Total Cost	4,186,178.00		

Scope of Work Furnish and install plumbing and medical gases.

The work under this Bid Package is continuing. Rain water piping is being insulated. The oxygen is being installed from the Variety Hospital. Med gas, acid waste and water mains are being installed on Levels One, Two, Three and Four. Waste and vent branches are being installed at One, Two, Four and Five. Core drilling is now taking place on 7th and 8th Levels with carrier installation following.

Bid Package #29 - Heating, Ventilation and Air Conditioning

Contractor: Axel Newman Heating and Plumbing Company, St. Paul, Minnesota

Contract Award	\$9,105,400.00	Cost To Date	\$3,846,103.00
Net Changes	102,734.00	42% Complete	
Total Cost	9,208,134.00		

The work under this Bid Package is going very well. Duct work installation is taking place on all risers, also on overhead duct work on Levels One and Four. Ductwork is now complete on Level One, 4C and 2 C. Heating and cooling mains are being installed on Levels Two, Four, Five and Six. Pipe insulation taking place on Levels One, Two and Four. The installation of the cooling tower is 85% complete. Duct work is now being installed in basement, Levels 2 and 4 A/B.

Bid Package #30 - Fire Protection System

Contractor: Carlson Automatic Fire Protection, Burnsville, Minnesota

Contract Award	\$706,947.00	Cost To Date	\$181,100.00
Net Changes	1,948.00	25% Complete	
NMR	20,996.00		
Total Cost	729,891.00		

Installing sprinkler mains and branch lines on Eighth Floor. Non-approval of shop drawings is delaying this work.

Bid Package #31 - Building Automation System

Contractor: Honeywell, Incorporated, Edina, Minnesota

Contract Award	\$2,526,336.00	Cost To Date	\$42,850.00
Net Changes	-0-	2% Complete	
Total Cost	2,526,336.00		

Hoffman Electric is installing conduit for Honeywell as needed.

Bid Package #32 - Electrical

Contractor: Commonwealth Electric Company, Minneapolis, Minnesota

Contract Award	\$6,413,400.00	Cost To Date	\$1,210,798.00
Net Changes	31,679.00	19% Complete	
Total Cost	6,445,079.00		

The work under this Bid Package is going very well. They are ahead of schedule in many activities. Installing feeder and branch conduit on Levels Two through Eight. Trench duct on all of Second Floor is now complete.

Bid Package #33 - Sitework (sidewalk pavers, bike racks, driveways, planters), finish grading, removal of site fence, patch asphalt.

Bid Package #34 - Final clean up.

UNIVERSITY HOSPITALS RENEWAL PROJECTPROJECT BUDGET

<u>CERTIFIED CONSTRUCTION PRICE</u>	<u>ORIGINAL BUDGET</u>	<u>REVISIONS TO BUDGET</u>	<u>CURRENT BUDGET</u>
Building Costs	\$ 69,671,681	\$ 3,333,855	\$ 73,005,536
Construction Manager General Conditions	5,561,780	(1,371,172)	4,190,608
General Manager Contingency	5,269,250	(89,675)	5,179,575
Construction Manager Non-Building Costs	1,444,050	(388,000)	1,056,050
Construction Manager Reimbursables	788,230	92,652	880,882
Contracted Radiation Therapy Work	1,971,800	(1,971,800)	0
Construction Manager Fee/Personnel Expense	7,460,000	190,409	7,650,409
Construction Manager Bond	525,000	0	525,000
Revisions to Bid Packages	0	1,033,465	1,033,465
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TOTAL CERTIFIED CONSTRUCTION PRICE	\$ 92,691,791	\$ 829,734	\$ 93,521,525
<u>NON-BUILDING COSTS</u>			
Owner's Contingency	\$ 2,257,004	\$ (829,734)	\$ 1,427,270
Site Work	2,139,764		2,139,764
Architect/Engineering Fee	7,260,327		7,260,327
Owner Consultants	1,938,539		1,938,539
Insurance, Fees, Permits, Expenses	2,535,336	150,000	2,685,336
Communication Systems	1,000,000		1,000,000
Moveable Equipment & Furniture	13,250,000		13,250,000
Remodeling Costs	1,677,000		1,677,000
Prior Construction Manager Fee	500,000	(150,000)	350,000
Prior Worker's Compensation	52,805		52,805
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TOTAL NON-BUILDING COST	\$ 32,610,775	\$ (829,734)	\$ 31,781,041
TOTAL PROJECT BUDGET	\$ 125,302,566	0	\$ 125,302,566
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UNIVERSITY HOSPITALS RENEWAL PROJECT II
BUDGET DISTRIBUTION REPORT *

PAGE I

BUDGET ITEM	ORIGINAL CCP	REVISIONS	REVISED CCP	D.P. # 1-5	D.P. #8	D.P. #9	D.P. #10	D.P. #11	D.P. #12
Excavation	1,437,615		1,437,615	935,000					
Foundations	930,237		930,237						
Structure	8,410,210	2,608	8,413,318						
Exterior	5,761,165	(136,606)	5,624,559						
Moisture Protection	614,395	10,970	625,365						
Carpentry	347,745		347,745						21,225
Misc. Metals	871,650		871,650						10,000
Int. Subdivision	6,416,114	(94,732)	6,321,382						239,157
Finishes	3,003,337	(184,160)	2,819,177						80,645
Equipment	3,572,015	(65,000)	3,507,015						107,440
Conveying Systems	3,459,821	(160,638)	3,299,183						
Plumbing	4,760,770	112,000	4,872,760					288,960	
Fire Protection	1,064,600	(1,150)	1,063,530					66,452	
BWAC	14,955,340	(564,500)	14,400,940					841,390	
Building Automation	2,200,600	600,000	3,400,000						
Electrical	10,067,282		10,067,282				586,018		
Link Connections	276,000		276,000						
Sitework	650,000	57,550	707,550						
Renovations	232,715		232,715	123,665					
General Conditions	5,561,750	26,531	5,588,311	27,753	63,600				
Contingency	5,269,350	(89,675)	5,179,575						
Non-Building	1,444,050		1,444,050	388,000					
Reimbursables	789,230	92,652	880,882						
Bid Package #9	1,971,800		1,971,800			1,971,800			
C.B. Fee & Expenses	7,460,000	190,409	7,650,409						
C.B. Bond	525,000		525,000						
TOTAL BUDGET	92,691,791	(203,731)	92,488,060	1,474,418	60,000	1,971,800	546,884	1,119,009	428,667
Workmans' Comp.	--			-0-	3,600	-0-	39,134	77,793	29,800
Revisions to B.P.'s			1,033,465	--	--	131,360	215,915	380,789	408,307
Revised CCP			93,521,525	1,474,418	60,000	2,103,160	762,799	1,499,798	836,974

*Information obtained from Gilbane-Mortenson Monthly Report
 July 1, 1984

UNIVERSITY HOSPITALS RENEWAL PROJECT II
BUDGET DISTRIBUTION REPORT *

PAGE II

BUDGET ITEM	ORIGINAL CCP	REVISIONS	REVISED CCP	B.P. #13	B.P. #14	B.P. #15	B.P. #16	B.P. #17	B.P. #18
Excavation	1,437,615		1,437,615	38,000		446,549			
Foundations	930,237		930,237	67,060		843,177			
Structure	6,410,710	2,608	8,413,318		5,772,397	2,605,921			
Exterior	5,761,165	(136,606)	5,624,559						4,299,676
Moisture Protection	614,395	10,970	625,365			68,580			492,789
Carpentry	347,745		347,745						72,966
Misc. Metals	871,650		871,650		396,000				45,000
Int. Subdivision	6,316,114	(94,732)	6,321,382						293,931
Finishes	3,003,337	(184,160)	2,819,177						139,882
Equipment	3,572,015	(65,000)	3,507,015						
Conveying Systems	3,429,821	(160,628)	3,269,193				1,637,061		
Plumbing	4,760,760	112,000	4,872,760			91,200			
Fire Protection	1,064,689	(1,150)	1,063,539						
HVAC	14,965,440	(564,500)	14,400,940						
Building Automation	2,400,000	600,000	3,400,000						
Electrical	10,667,282		10,667,282						
Link Connections	276,000		276,000						
Sitework	650,000	57,550	707,550			73,261			
Renovations	292,715		292,715			109,050			
General Conditions	5,561,780	26,531	5,588,311	20,000	12,500	123,000	20,700	154,750	10,500
Contingency	5,260,250	(89,675)	5,179,575						
Non-Building	1,444,050		1,444,050						
Reimbursables	788,239	92,652	880,892						
Bid Package #2	1,971,800		1,971,800						
C.H. Fee & Expenses	7,460,000	190,409	7,650,409						
C.H. Bond	525,000		525,000						
TOTAL BUDGET	92,691,791	(203,731)	92,488,060	117,450	5,717,330	4,142,700	1,591,451	150,108	5,133,135
Workmans' Comp.	--			7,810	463,567	218,038	66,310	4,642	211,609
Revisions to B.P.'s			1,033,465	69,257	130,130	341,536	730	52,297	165,911
Revised CCP			93,521,525	186,707	5,847,460	4,484,236	1,592,181	150,108	5,299,046

*Information obtained from Gilbane-Mortenson Monthly Report
 July 1, 1984

UNIVERSITY HOSPITALS RENEWAL PROJECT II
BUDGET DISTRIBUTION REPORT*

PAGE III

BUDGET ITEM	ORIGINAL CCP	REVISIONS	REVISED CCP	B.P. #19	B.P. #20	B.P. #21	B.P. #22	B.P. #23	B.P. #24
Excavation	1,437,615		1,437,615						
Foundations	930,237		930,237						
Structure	8,410,710	2,608	8,413,318						
Exterior	5,761,165	(136,606)	5,624,559	1,310,226	14,657				
Moisture Protection	614,395	10,970	625,365						
Carpentry	347,745		347,745	12,823	219,933				
Misc. Metals	871,650		871,650	20,000	323,800				
Int. Subdivision	6,416,114	(94,732)	6,321,382	3,486,112	2,163,337				138,845
Finishes	2,603,337	(184,160)	2,419,177	320,248		638,999	624,178	486,852	517,273
Equipment	3,572,015	(65,000)	3,507,015		2,147,260				
Conveying Systems	3,439,831	(160,628)	3,269,193						
Plumbing	4,760,750	112,000	4,872,760						
Fire Protection	1,064,689	(1,150)	1,063,530						
HVAC	14,265,440	(564,500)	14,400,940						
Building Automation	2,650,000	600,000	3,400,000						
Electrical	10,067,282		10,067,282						
Link Connections	276,000		276,000						
Sitework	650,000	57,550	707,550						
Renovations	292,715		292,715						
General Conditions	5,561,780	26,531	5,588,311	35,000	127,000	15,000	57,500	50,000	50,000
Contingency	5,269,250	(89,675)	5,179,575						
Non-Building	1,444,050		1,444,050						
Perishables	788,230	92,652	880,882						
Bid Package #9	1,971,800		1,971,800						
C.B. Fee & Expenses	7,460,000	190,409	7,650,409						
C.B. Bond	525,000		525,000						
TOTAL BUDGET	92,691,791	(203,731)	92,488,060	4,986,427	4,790,219	624,951	654,411	515,379	677,873
Workmans' Comp.	--			197,982	205,768	29,048	27,267	21,473	28,245
Revisions to B.P.'s			1,033,465	(217,084)	47,303	(25,386)			
Revised CCP			93,521,525	4,769,343	4,837,522	599,565	654,411	515,379	677,873

*Information obtained from Gilbane-Mortenson
Monthly Report July 1, 1984

UNIVERSITY HOSPITALS RENEWAL PROJECT II
BUDGET DISTRIBUTION REPORT *

PAGE IV

BUDGET ITEM	ORIGINAL CCP	REVISIONS	REVISED CCP	B.P. #25	B.P. #26	B.P. #27	B.P. #28	B.P. #29	B.P. #30
Excavation	1,437,615		1,437,615						
Foundations	930,237		930,237						
Structure	8,410,710	2,608	8,413,318						
Exterior	5,761,165	(136,606)	5,624,559						
Moisture Protection	614,395	10,970	625,365						
Carpentry	317,745		317,745				14,595		
Misc. Details	871,650		871,650					20,000	
Int. Subdivision	6,316,113	(94,732)	6,321,382						
Finishes	3,003,337	(184,160)	2,819,177						
Equipment	3,572,015	(65,000)	3,507,015	920,159			128,330		
Conveying Systems	3,422,821	(160,628)	3,262,193		526,200	1,105,932			
Plumbing	4,760,760	112,000	4,872,760				4,000,080		
Fire Protection	1,064,689	(1,150)	1,063,539						997,078
HVAC	14,969,441	(564,500)	14,404,941					13,559,550	
Building Automation	2,892,655	600,000	3,492,655						
Electrical	10,067,282		10,067,282						
Link Connections	276,000		276,000						
Sitework	650,050	57,550	707,550						
Renovations	292,715		292,715						
General Conditions	5,561,769	26,531	5,588,311	2,000			71,000	420,000	10,000
Contingency	5,269,250	(89,675)	5,179,575						
Non-Building	1,441,050		1,441,050						
Perishables	788,230	92,652	880,882						
Bid Package 19	1,971,800		1,971,800						
C.B. Fee & Expenses	7,450,609	190,409	7,641,018						
C.B. Bond	525,000		525,000						
TOTAL BUDGET	92,691,791	(203,731)	92,488,060	922,159	526,200	1,105,932	4,074,994	13,442,531	966,885
Workmans' Comp.	--			41,706	-0-	-0-	139,011	557,019	40,193
Revisions to B.P.'s			1,033,465	80,775	--	--	61,202	70,230	23,079
Revised CCP			93,521,525	1,002,934	526,200	1,105,932	4,136,196	13,512,761	989,964

*Information obtained from Gilbane-Mortenson
Monthly Report July 1, 1984

UNIVERSITY HOSPITALS RENEWAL PROJECT II
BUDGET DISTRIBUTION REPORT*

PAGE V

BUDGET ITEM	ORIGINAL CCP	REVISIONS	REVISED CCP	B.P. #31	B.P. #32	B.P.	B.P.	B.P.	BUDGET REMAINING
Excavation	1,437,615		1,437,615						18,066
Foundations	930,237		930,237						20,000
Structure	8,410,710	2,608	8,413,318						35,000
Exterior	5,761,165	(136,606)	5,624,559						-0-
Moisture Protection	614,395	10,970	625,365						63,996
Carpentry	347,745		347,745						6,201
Misc. Details	871,650		871,650						56,850
Int. Subdivision	6,416,114	(24,732)	6,391,382						-0-
Finishes	3,003,337	(184,160)	2,819,177						11,100
Equipment	3,572,015	(65,000)	3,507,015		83,335				120,491
Conveyor Systems	3,429,821	(160,628)	3,269,193						-0-
Plumbing	4,760,750	112,000	4,872,750		385,000				107,520
Fire Protection	1,064,642	(1,150)	1,063,530						-0-
BVAC	14,555,440	(564,500)	14,000,940						-0-
Building Automation	2,800,000	600,000	3,400,000	3,400,000					-0-
Electrical	10,067,282		10,067,282		9,385,491				95,771
Link Connections	276,000		276,000						276,000
Sitework	650,000	57,550	707,550						634,209
Renovations	292,715		292,715						60,000
General Conditions	5,561,780	26,531	5,588,311		127,400				4,190,608
Contingency	5,269,250	(89,675)	5,179,575						5,179,575
Non-Building	1,444,050		1,444,050						1,056,050
Reimbursables	788,230	92,652	880,882						880,882
Bid Package #9	1,971,800		1,971,800						-0-
C.H. Fee & Expenses	7,460,000	190,409	7,650,409						7,650,409
C.M. Bond	525,000		525,000						525,000
TOTAL BUDGET	92,691,791	(203,731)	92,488,060	3,400,000	9,579,450				
Workmans' Comp.	--			-0-	401,776				
Revisions to B.P.'s			1,033,465	(873,664)	23,075				20,987,812
Revised CCP			93,521,525	2,526,336	9,602,525				

*Information obtained from Gilbane-Mortenson
Monthly Report July 1, 1984

GILBANE-MORTENSON
UNIVERSITY OF MINNESOTA
BUDGET CONTROL REPORT *
JUNE 29, 1984

<u>CONTRACTOR</u>	<u>ORIGINAL BUDGET</u>	<u>REVISED BUDGET</u>	<u>GROSS COMPLETED TO DATE</u>	<u>COMMITTED</u>	<u>ESTIMATED TO COMPLETE</u>	<u>PREDICTED FINAL COST</u>	<u>(OVERRUN) UNDERRUN</u>
BP #1 thru #7 Initial Construction Phase I	1,460,887	1,460,887	1,460,887	1,460,887	-0-	1,460,887	-0-
BP #8 - Temp. Elec. Sub. Installation Gombold Elec., Inc.	60,000	60,000	55,036	55,036	-0-	55,036	4,964
BP #9 - Rad. Ther. & Mas. Tower, Civ. Struct. & Bldg. Enc. Arkay Const. Co.	1,971,800	2,062,614	2,039,621	2,039,621	-0-	2,039,621	22,993
BP #10 - Rad. Ther. Masonic Tower-Elec. Hayes Cont., Inc.	546,884	796,357	484,903	571,386	-0-	571,386	224,971
BP #11 - Rad. Ther. Masonic Tower-Mech. Axel Newman Heating & Plumbing Co.	1,119,009	1,498,322	959,283	966,604	103,152	1,069,756	428,566
BP #12 - Rad. Ther. Masonic Tower-Arch. Knutson Const. Co.	428,667	840,131	683,916	895,233	-0-	895,233	(55,102)
BP #13 - Drilled Piers Layne Minnesota Co.	117,450	188,118	276,229	276,229	-0-	276,229	(88,111)

*Information obtained from Gilbane-Mortenson
Monthly Report, July 1, 1984

GILBANE-MORTENSON
UNIVERSITY OF MINNESOTA
BUDGET CONTROL REPORT *
JUNE 29, 1984

<u>CONTRACTOR</u>	<u>ORIGINAL BUDGET</u>	<u>REVISED BUDGET</u>	<u>GROSS COMPLETED TO DATE</u>	<u>COMMITTED</u>	<u>ESTIMATED TO COMPLETE</u>	<u>PREDICTED FINAL COST</u>	<u>(OVERRUN) UNDERRUN</u>
BP #14 - Unit J Structural Steel L. L. LeJeune Steel	5,717,330	5,853,769	4,705,685	4,738,390	-0-	4,738,390	1,115,379
BP #15 - Foundations and Concrete Lovering Assoc., Inc.	4,142,700	4,652,954	3,762,534	4,054,739	17,164	4,071,903	581,051
BP #16 - Unit J Elevators Gust. Lagerquist & Sons, Inc.	1,591,451	1,596,580	1,450,372	1,615,129	-0-	1,615,129	(18,549)
BP #17 - Unit J Material/Personnel Hoists Advance Equip.Co.	150,108	150,108	83,110	129,344	-0-	129,344	20,764
BP #18 - Building Enclosure Lovering Assoc., Inc.	5,133,135	5,283,835	2,842,794	5,229,311	-0-	5,229,311	54,524
BP #19 - Struct.Studs Insul,Drywall & Plaster Olympic Wall Systems, Inc.	4,986,427	4,782,174	1,761,935	4,317,110	15,000	4,332,110	450,064
BP #20 - Interior General Const. Knutson Const.Co.	4,790,219	4,855,529	122,158	4,785,107	-0-	4,785,107	70,422

*Information obtained from Gilbane-Mortenson Monthly Report July 1, 1984

GILBANE-MORTENSON
UNIVERSITY OF MINNESOTA
BUDGET CONTROL REPORT *
JUNE 29, 1984

<u>CONTRACTOR</u>	<u>ORIGINAL BUDGET</u>	<u>REVISED BUDGET</u>	<u>GROSS COMPLETED TO DATE</u>	<u>COMMITTED</u>	<u>ESTIMATED TO COMPLETE</u>	<u>PREDICTED FINAL COST</u>	<u>(OVERRUN) UNDERRUN</u>
BP #21 - Acoustical Ceilings Acoustics Assoc., Inc.	624,951	599,565	1,872	499,220	-0-	499,220	100,345
BP #22 - Quarry Tile, Ceramic Tile, Terrazzo Epoxy Flooring Grazzini Bros. & Co.	654,411	654,411	4,550	652,365	-0-	652,365	2,046
BP #23 - Resilient Flooring, Carpet Architec. Sales of Minn., Inc.	515,379	515,379	-0-	497,050	-0-	497,050	18,329
BP #24 - Paint and Wall Finishes Julius B. Nelson & Son, Inc.	677,873	677,873	-0-	355,506	-0-	355,506	322,367
BP #25 - Food Service Equip. Aslesen Co.	922,159	1,002,934	-0-	1,236,450	-0-	1,236,450	(233,516)
BP #26 - Pneumatic Tube System Quantum Ind., Inc.	526,200	526,200	89,166	526,200	-0-	526,200	-0-
BP #27 - Material Transport System Mosler Systems Div.	1,105,932	1,105,932	169,108	1,105,932	-0-	1,105,932	-0-

*Information obtained from Gilbane-Mortenson Monthly Report

GILBANE-MORTENSON
 UNIVERSITY OF MINNESOTA
 BUDGET CONTROL REPORT *
 JUNE 29, 1984

<u>CONTRACTOR</u>	<u>ORIGINAL BUDGET</u>	<u>REVISED BUDGET</u>	<u>GROSS COMPLETED TO DATE</u>	<u>COMMITTED</u>	<u>ESTIMATED TO COMPLETE</u>	<u>PREDICTED FINAL COST</u>	<u>(OVERRUN) UNDERRUN</u>
BP #28 - Plumbing & Medical Gases Harris Mechanical Contracting Co.	4,074,994	4,090,037	1,923,490	4,140,019	35,000	4,175,019	(84,982)
BP #29 - HVAC Axel Newman Htg. & Plumbing Co.	13,442,531	13,491,091	3,486,103	9,208,134	-0-	9,208,134	4,282,957
BP #30 - Fire Protection System Carlson Auto. Fire Protection Co.	966,885	995,979	181,100	729,075	-0-	729,075	266,904
BP #31 - Bldg. Automation System Honeywell Inc.	2,526,336	2,526,336	42,850	2,526,336	-0-	2,526,336	-0-
BP #32 - Electrical Commonwealth Elec.	9,579,450	9,629,513	1,210,798	6,442,604	-0-	6,442,604	3,186,909
Insurance Workmans' Comp.	2,823,678	2,900,663	490,552	2,823,678	-0-	2,823,678	76,985
Subtotals	70,656,846	72,797,291	28,288,052	61,876,695	170,316	62,047,011	10,750,280
Gen.Cond. & Reim.	6,350,010	6,350,010	1,058,290	6,350,010	-0-	6,350,010	-0-
Personnel & Fee	7,403,233	7,556,109	2,988,908	7,556,109	-0-	7,556,109	-0-
TOTALS	84,410,089	86,703,410	32,335,250	75,782,814	170,316	75,953,130	10,750,280

*Information obtained from Gilbane-Mortenson Monthly Report

Ellerbe

July 9, 1984

Mr. David M. Lilly
Vice President for Finance
and Operations
University of Minnesota
301 Morrill Hall
100 Church Street SE
Minneapolis, MN 55455

Dear Mr. Lilly:

University of Minnesota
UHRP II, Unit J

We have just reviewed a copy of the Minnesota State Board of Registration's Complaint Committee's letter addressed to you dealing with their concerns for the Hospital's external brick veneer. We are terribly disappointed that an issue of this magnitude was introduced by the Complaint Committee to the Board of Regents without an opportunity for resolution by all involved parties - the University of Minnesota, the Construction Manager, the Contractor, and the Architect. We are confident that this issue could have been dispelled without causing undue alarm to the Board of Regents.

The complaint outlines concerns for both the design and construction of the exterior walls - both of which are unwarranted. The exterior wall components, have all been designed utilizing the most current design standards. The wall system utilizes metal studs, gypsum board, waterproof membrane, and brick designed in accordance with the Brick Institute of America's Technical Notes 28B revised, dated February 1980. This technical publication covers the considerations and recommendations for the design and construction of brick veneer and metal stud wall systems for buildings over three stories in height.


In regard to the Complaint Committee's concerns for construction issues, these issues have been resolved through previously documented field inspection reports and corresponding field corrections. These issues have been resolved by University of Minnesota personnel, the Construction Manager, the Contractor, and the Architect's representatives.

Mr. David M. Lilly
July 9, 1984
Page Two

To address concerns for long term serviceability, the wall system is currently undergoing a series of tests to determine its ability to resist wind pressure and moisture penetration. We are extremely confident that the tests will prove the integrity of the system selected. The tests were proposed to dispel the concerns conclusively. The results of the first tests have shown a substantial factor of safety. Final results will be available in approximately thirty days after construction of a test panel.

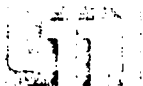
As Architects for the University Hospital, Ellerbe/HOK will continue to assist in resolving this issue in a prompt and professional manner.

Sincerely,



Donald W. Denzer, A.I.A.
Project Manager
Ellerbe Associates, Inc.

cc: Clinton Hewitt
Tuncay Aydinalp
C. Edward Schwartz ✓
Mark Koenig
Bud Ericksen



UNIVERSITY OF MINNESOTA

Office of the Associate Vice President for
Finance and Business Operations and Treasurer
301 Morrill Hall
100 Church Street S.E.
Minneapolis, Minnesota 55455

(612) 373-2058

July 6, 1984

The Honorable Charles H. Casey
The Honorable William B. Dosland
The Honorable Willis K. Drake
The Honorable Erwin L. Goldfine
The Honorable Wally Hilke
The Honorable Lauris Krenik
The Honorable David M. Lebedoff
The Honorable Verne E. Long
The Honorable Charles F. McGuiggan
The Honorable Wenda W. Moore
The Honorable David K. Roe
The Honorable Mary T. Schertler

Dear Ladies and Gentlemen:

On behalf of Vice President Lilly I am providing additional information on Mr. Lowell E. Torseth's letter of June 15, 1984, which raises concern about the brick veneer on the Unit "J" Hospital Project. This item is scheduled for discussion at the July 12, 1984 meeting of the Physical Plant and Investments Committee, and Mr. Torseth's letter is included in your agenda materials.

The University has closely monitored all phases of the construction project through the Physical Plant and Planning Office. Additionally, the firm of Twin City Testing and Engineering Laboratory, Inc. has been employed by the University to perform tests and to report directly on construction and work quality. When a representative of the Masonry Institute raised questions regarding the ability of the external wall system, particularly the gypsum board component of that system, to withstand force exerted by lateral wind pressure on the brick veneer, Twin City Testing, Inc. was instructed to conduct specific tests to determine the integrity of that stud wall system. The results of that test are attached, and indicate that it is not likely that the gypsum sheeting will be damaged by the adjustable tie as a result of wind loading.

As that test was concluded, the University requested that a second test be conducted by Twin City Testing, Inc. to determine the integrity of the brick and mortar with particular interest in moisture resistance. That test requires the construction of a brick test panel and subsequent factory testing. The results will be available within approximately thirty days.

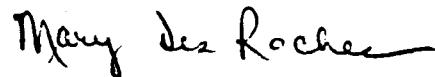
It is our intent to meet with the Board of Architecture's Complaint Committee once the results of that second test are available. In the meantime, we have the repeated assurance of Ellerbe and Associates, project architects, that the wall system and brick veneer methodology are sound, and

Board of Regents
Page 2
July 6, 1984

all test results from Twin City Testing, Inc. that have been received to date support that assurance.

We will further advise you on this matter once the second series of tests are concluded.

Sincerely,



Mary Des Roches
Associate Vice President for
Finance and Business Operations
and Treasurer

MDR/PJ

Enclosure

cc: President C. Peter Magrath
Mr. Duane A. Wilson
University Vice Presidents
Mr. C. Edward Schwartz
Mr. Clinton N. Hewitt



UNIVERSITY OF MINNESOTA
TWIN CITIES

University Hospitals and Clinics
420 Delaware Street S.E.
Minneapolis, Minnesota 55455

September 14, 1984

TO: Planning and Development Committee Members

Clint Hewitt
Lynn Hornquist
Geoff Kaufmann
William Krivit, M.D.
John LaBree, M.D.
Virgil Moline
C. Edward Schwartz
I. Dodd Wilson, M.D.

FROM: Al Hanser/
inj. Chairman, Planning and Development Committee

In the absence of a Committee meeting this month, I am sending several documents for your review. They include a quarterly summary of purchasing activities, the 1983-84 contributions report and the Unit J progress reports for the months of August and September. I will be summarizing these documents at the full Board meeting on September 26, 1984. Please feel free to call me with questions or comments before that meeting.

We will be meeting again as a Committee, as scheduled, Wednesday, October 10, 1984. Thank you.

AH/sds

Enclosures

cc: Greg Hart
R. Edward Howell
Mark Koenig
Nancy Janda
Ken Merwin



UNIVERSITY OF MINNESOTA
TWIN CITIES

University Hospitals and Clinics
420 Delaware Street S.E.
Minneapolis, Minnesota 55455

August 15, 1984

TO: Board of Governors
Planning and Development Committee

FROM: Ed Howell ^{REN}
Associate Hospital Director

SUBJECT: Quarterly Purchasing Activity Report.

Attached is a copy of the Hospitals Purchasing Activity Report for the period of May through July, 1984. As you will note, this report includes a full quarter of purchasing activity and therefore more closely represents normal purchasing volume than the previous quarterly report.

Please feel free to contact me if you have any questions or concerns regarding this data.

REH/jem

attachment



UNIVERSITY OF MINNESOTA
TWIN CITIES

University Hospitals and Clinics
Materials Management Department
Box 517 Mayo Memorial Building
420 Delaware Street S.E.
Minneapolis, Minnesota 55455
(612) 376-4460

UNIVERSITY OF MINNESOTA HOSPITALS & CLINICS
ADMINISTRATIVE REPORT ON PURCHASING ACTIVITY

PERIOD May - July 1984

I. PURCHASE ORDER ANALYSIS

<u>Range</u>	<u>Number of P.O.'s</u>	<u>Total Dollar Value</u>
\$0 - \$499	3843	\$ 497,364.55
\$500 - \$1,999	563	\$ 577,150.15
\$2,000 - \$4,999	138	\$ 433,243.42
\$5,000 - \$9,999	42	\$ 311,117.58
\$10,000 - OVER	31	\$ 703,748.11
TOTAL PURCHASE ORDERS		\$ 2,522,623.81

II. CONFIRMING ORDERS

<u>Range</u>	<u>Number of P.O.'s</u>	<u>Total Dollar Value</u>
\$0 - \$99	248	\$ 23,154.27
\$100 - \$499	265	\$ 67,117.00
\$500 - \$999	62	\$ 49,773.66
\$1,000 - \$1,999	37	\$ 59,563.71
\$2,000 - OVER	23	\$ 49,092.09
TOTAL CONFIRMING ORDERS		\$ 248,700.77
TOTAL PURCHASE & CONFIRMING ORDERS		\$ 2,771,324.58

III. SET ASIDE AWARDS

<u>Category</u>	<u>Vendor</u>	<u>Total Dollar Value</u>
<u>Draperies</u>	<u>G.Lee's Slip Cover</u>	\$ 4,639.00

IV. PURCHASE AWARDS TO OTHER THAN APPARENT LOW BIDDER

(Attachment A)

V. SOLE SOURCE

(Attachment B)

ATTACHMENT A

IV. PURCHASE AWARD TO OTHER THAN LOW BIDDER

	<u>P.O. NUMBER</u>	<u>VENDOR</u>	<u>TOTAL DOLLAR VALUE</u>	<u>DOLLAR VALUE LOW BID</u>	<u>DEPT.</u>
1.	84-403	Beirsdorf	\$2,321.57	\$1,905.12	Materials
	Reason: The material could cause skin irritation and possible abrasion to the patient.				
2.	84-445	Baxa	\$5,345.00	\$4,012.00	Pharmacy
	Reason: The scale is difficult to read and is graduated in 2/100's rather than 1/100's				
3.	H006641	Lintex	\$2,583.84	\$2,401.48	Materials
	Reason: Samples of low bid pajamas and robes did not finish well in the washing process and were felt to wrinkle too easily.				
4.	84-207	Clark	\$7,963.71	\$7,401.48	Materials
	Reason: Lower bidder could not provide evaluation samples within the ten working day period as requested.				
5.	H009004	Bower & Haack	\$2,200.00	\$2,109.00	Labs
	Reason: The user department was not able to obtain the product for evaluation.				
6.	84-433	Transhealth	\$6,903.11	\$5,371.67	Materials
	Reason: Products were not Baum brand which was standardized hospital-wide to allow for interchangeability of parts and consistency of blood pressure readings.				
7.	84-344	Proctor & Gamble	\$5,572.36	\$4,406.40	Materials
	Reason: Quoted product had no leg gathers, no tucks between the legs and did not contain the specified amount of padding.				
8.	84-354	Associated Medical	\$25,489.80	\$19,992.00	Materials
	Reason: Samples for evaluation were not submitted as specified.				
9.	H003707	Medox	\$24,700.00	\$19,500.00	Patient Mon.
	Reason: The Tri-Med product was evaluated with unsuccessful results due to an overflow situation arising from a float that stuck.				

ATTACHMENT A

IV. PURCHASE AWARD TO OTHER THAN LOW BIDDER

<u>P.O. NUMBER</u>	<u>VENDOR</u>	<u>TOTAL DOLLAR VALUE</u>	<u>DOLLAR VALUE LOW BID</u>	<u>DEPT.</u>	
10.	84-201	a. Sugikos	\$8,853.12	\$4,732.80	Materials
	Reason: Lower bid did not meet specifications because draping design and size were not comparable to currently used items.				
		b. Sugikos	\$5,090.40	\$3,600.00	Materials
	Reason: The drape lacks portholes, which are necessary to hold the cables.				
		c. Sugikos	\$14,085.12	\$12,057.60	Materials
	Reason: The pack did not contain a water barrier gown.				
11.	84-203	a. AM. Hosp. Supply	\$9,093.60	\$7,927.20	Materials
	Reason: The pack did not contain four towels with an adhesive edge, as specified.				
		b. Am. Hosp. Supply	\$2,505.60	\$1,944.00	Materials
	Reason: The drape was not a water barrier fabric as specified.				
12.	84-485	Travenol	\$127,710.00	\$107,370.00	Materials
	Reason: Travenol higher bid of \$20,000+ was chosen because B-D was deemed unacceptable for the following: insufficient sizing, repulsive odor, gloves stick together upon dispensing from the package, insufficient cuff length, too much powder, skin sensitivity problems, fingers feel gritty, fingers pierce the glove, higher priced procedure gloves are being substituted.				
13.	H012385	Alpha Video	\$2,309	\$2,020	Cardio Resp.
	Reason: Low bid did not include all items specified.				
14.	HC12384	Puritan Bennett	\$5,551.70	\$4,700.	Cardio-Resp.
	Reason: Low bid did not include complete package as specified.				
15.	H00661	Angelica	\$4,384.80	\$3,762.96	Laudry/Linen
	Reason: Low bid samples were button type which detach in laundry process.				
16.	84-471	C.R. Bard	\$9,720	\$6,945.60	Materials
	Reason: Samples not provided by low bidder for evaluation of product.				
17.	H009314	NuAire	\$5,283	\$4,620	Labs
	Reason: Unacceptable power shut of in the hood when the window is open.				

ATTACHMENT A

IV. PURCHASE AWARD TO OTHER THAN LOW BIDDER

<u>P.O. NUMBER</u>	<u>VENDOR</u>	<u>TOTAL DOLLAR VALUE</u>	<u>DOLLAR VALUE LOW BID</u>	<u>DEPT.</u>	
18.	H012077	Electronucleonics	\$81,000	\$76,725	Labs
	Reason: Technicon's Ra-1000 does not meet the specification of 300 test per hour throughput and lacks a refrigerated reagent storage that was specified.				
19.	84-481	Gentec	\$2,180.80	\$1,144.80	Materials
	Reason: The sample submitted was a bouffant hat, not a nurses floral technique cap, as specified.				
20.	84-481	Gentec	\$6,816	\$5,054.40	Materials
	Reason: The surgeons cap was not constructed with an inner sweat band, as specified.				
21.	84-481	Gentec	\$72,711	\$53,105.96	Materials
	Reason: Staff complained of breathability problems, which occurred during an eight hour shift. the ties on the mask were ot forty-one (41) inches long, as specified.				
22.	84-483	Whittaker Gen.	\$15,364	\$8,418	Materials
	Reason: The shoe cover was not a very durable product, cover began to tear around the soles and heels after only short periods of wear, especially if wet.				
23.	84-351	C.F. Anderson	\$6,728	\$6,481.20	Materials
	Reason: (Decubicare Pads): Rejected Dillon brand which was less soft, offering less padding.				
24.	84-509	Medix(for Monoject)	\$258,041.97	\$252,874.85	Materials
	Reason: (Syringes, Disposable): BD packageing on 3cc size is unacceptable: It is the old style paper packaging which was difficult to peel open, comsuming time and jeopardizing sterility.				

ATTACHMENT B

V. SOLE SOURCE

<u>VENDOR</u>	<u>CONTRACT/P.O.#</u>	<u>VALUE</u>	<u>DEPARTMENT</u>
Trimed	84-425	Annual Contract	Cardio. Resp. Care
Xerox Medical	84-372	Annual contract	Radiology
Digital Equipment	H009994	\$54,127.25	Cardio. Resp. Care
Travenol	84-400	Annual Contract	Nutrition
McGaw	84-401	Annual Contract	Nutrition
Ross Labs	84-402	Annual Contract	Nutrition
Colonial supply	84-409	Annual Contract	Nutrition
Meade Johnson	84-408	Annual Contract	Nutrition
Astrocom	H006646	\$7,255.00	O.A.D.
CPT Corp.	H009942	\$2,978.00	Labs
CPT Corp.	H009943	\$8,139.00	Labs
Digimed	H006642	\$45,000.00	O.A.D.



UNIVERSITY OF MINNESOTA
TWIN CITIES

University Hospitals and Clinics
420 Delaware Street S.E.
Minneapolis, Minnesota 55455

MEMORANDUM

DATE: August 20, 1984

TO: Members of the Board of Governors

FROM: Kenneth E. Merwin, Director of Development *KEM*

SUBJECT: 1983-84 Contributions Report

A final report of gifts received and deferred gifts booked (expectancies) during the fiscal year ended June 30, 1984, includes a trust that will produce approximately \$280,000 when distributed.

Commitments and contributions to University Hospitals and Clinics, with comparative figures for 1982-83 were as follows:

<u>Receipts/Commitments</u>	<u>1982-83</u>	<u>1983-84</u>
Cash contributions	\$ 89,312	\$253,069
Bequests received	44,922	126,538
Gifts in Kind	6,575	16,019
Expectancies booked	25,000	600,000
TOTALS	\$165,809	\$995,616

The Transplant Assistance Fund, including contributions without restriction as well as for specific patients, attracted considerable growth this year. In addition, contributions from donor prospects uncovered in the first year of solicitation of patients for the Patients Fund were encouraging as many of those donors repeated their gifts in 1983-84.

In the course of the year we had the opportunity of working with several individuals and/or attorneys as they wrote bequests into Wills being formulated. In most of these cases, we have not been privy to the specifics, but know that the Wills will provide considerable income to use in future years.

In summary, it would seem as though several aspects of our Development Program have progressed well in the first full year of operation.

/nd

UNIVERSITY HOSPITALS RENEWAL PROJECT

PROGRESS REPORT

AUGUST 1, 1984

- CONTENTS -

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Overview	1
Summary of Construction Activities	2
Contract Award Summary	3
Construction Schedule	8
Construction Progress Report	13
Project Budget	19
Budget Distribution Report	20
Budget Control Report	25

Cover Photo: Artist Rendering of the University of Minnesota
Health Sciences Complex

OVERVIEW

BID PACKAGE STATUS

Contracts awarded to date	30
Bid packages cancelled	2
Bid packages currently out for bid	0
Bid packages left to bid	2
Total packages to be bid	34

SCHEDULE STATUS

	Original Substantial Completion Date	Original Certified Completion Date	Approved Schedule Extension (Days)	Current Substantial Completion Date	Current Certified Completion Date
Therapeutic Radiology	Jan. 1, 1984	Jan. 1, 1984	58	Feb. 29, 1984	Feb. 29, 1984
t J	Mar. 1, 1984	Dec. 1, 1984	0	Mar. 1, 1986	Dec. 1, 1986

BUDGET STATUS

	Total Budget	Estimated Work/Fee to Date	Committed to Date	Percentage of Budget Committed	Paid to Date	Percentage of Budget Paid	Over(Under) Estimate	Percentage Over(Under) Estimate
Building Costs	\$ 94,313,095	\$ 94,312,790	\$82,633,727	87.6%	\$40,847,877	43.3%	(\$11,679,063)	(12.4%)
Non-Building Costs	30,989,471	16,312,326	16,312,326	52.6%	12,256,051	39.5%	-	-
TOTAL	\$125,302,566	\$110,625,116	\$98,946,053	79.0%	\$53,103,928	42.4%	(\$11,679,063)	-

UNIVERSITY HOSPITALS RENEWAL PROJECT

PROGRESS REPORT

AUGUST 1, 1984

CONSTRUCTION ACTIVITIES

- . Work was substantially completed in Therapeutic Radiology. The linear accelerators and the simulator have been installed and calibration completed. Treatment of a limited number of patients began on July 23, 1984. The move from the Mayo Hospital Clinic into Unit J is scheduled for August 4 and 5, with all patients being treated in Unit J beginning Monday, August 6, 1984.
- . Construction of the northwest corner of Unit J and its link to the southeast corner of Mayo first floor (vacated Therapeutic Radiology clinic) will be started as soon as the clinic has been vacated.
- . Construction of the Magnetic Resonance Imaging Suite continued with a revised schedule. The RF shielding and magnet are now scheduled for delivery and installation in mid-August. Construction completion is still scheduled for September, followed by several weeks of equipment tuning and calibration.
- . Cars have been installed in three elevator shafts. Doors, floor tracks, and door frames are now being installed on the remaining twelve elevators.
- . Work continued on the building enclosure and the roof. Roofing is now 99% complete, awaiting the completion of all brick work. Window installation is 99% complete; window wall and curtain wall installation is scheduled for mid-August. Brick washing continues on both the north and south faces of the building. Caulking will begin in August on the south face.
- . Interior studs on the northwest section of Level 4 are 95% complete. Door installation is progressing as frames are delivered on site.
- . Medical gases, acid waste and water mains are being installed on Levels One, Two, Three and Four. Waste and vent branches are being installed on Levels One, Two, Four and Five. Duct insulation is taking place on all risers and overhead ductwork on Levels One and Four. Heating and cooling mains are being installed on Levels Two, Four, Five and Six. Pipe installation is taking place on Levels One, Two and Four. Duct work is now being installed in the basement and on Levels Two and Four.
- . Architectural planning is progressing on the Endoscopy suite, the Cardio-pulmonary Laboratories, and the Nutrition Storeroom. These departments are scheduled for the unprogrammed expansion spaces on Level One. Construction of the three departments is scheduled to be completed with the remainder of the building.
- . Average daily manpower on-site remained at 202 persons between 16 contractors.

UNIVERSITY HOSPITALS RENEWAL PROJECT

CONTRACT AWARD SUMMARY

DESCRIPTION	BID PACK #	ESTIMATE	LOW BID	VARIANCE	S.E.D. FIRMS	MINORITY FIRMS	CONTRACTOR
Construction Fence	1	\$ 26,571	\$ 25,168	\$ (1,403)	A-1 Excavating \$ 760		Crowley Fence Company St. Paul, Mn.
Preconstruction Work	2	240,487	126,300	(114,187)	SACO \$ 3,800		Sheehy Construction Company St. Paul, Mn.
Apartment Building Demolition	3	9,240	9,240	-0-	Roy-A1 \$ 300		A. Kamish & Sons St. Paul, Mn.
Powell Hall Demolition	4	365,936	348,975	(16,961)	Roy-A1 \$11,000		Controlled Demolition Baltimore, Maryland
Mass Excavation	5	1,358,671	935,050	(423,621)	Texture Master \$29,000	A-1 Excavating M.A.C. Trucking Jewat Trucking	Carl Bolander & Sons Minneapolis, Mn.
Cancelled	6						
Cancelled	7						
Temporary Power Substation	8	61,768	51,166	(10,602)	Gombolt Electric Inc. \$51,166		Gombolt Electric, Inc. Minneapolis, Mn.

UNIVERSITY HOSPITAL RENEWAL PROJECT

CONTRACT AWARD SUMMARY

DESCRIPTION	BID PACK #	ESTIMATE	LOW BID	VARIANCE	S.E.D. FIRMS	MINORITY FIRMS	CONTRACTOR
Radiation Therapy & Masonic Tower, Civil, Structural and Building Enclosure	9	\$2,000,000	\$1,971,800	\$(- 28,200)	Bay Mills \$16,900 Economy Concrete Placer \$12,510 Allied Steel \$11,127.28	Dunsheath Construction \$50,000	Arkay Construction Co. Minneapolis, Mn.
Radiation Therapy & Masonic Tower, Electrical	10	\$ 546,884	\$ 308,668	\$(238,216)	Barber Electric Company \$529.72 Reco Supply Lampco Supply \$733.00 M&M Electric, Inc \$14,736.48 Total-\$16,000	Barber Electric Company \$1,992.27 M&M Electric Company \$4,373.52 Total-\$6,365.79	Hayes Contractors, Inc. Minneapolis, Mn.
Radiation Therapy & Masonic Tower Mechanical	11	\$1,119,016	\$ 582,000	\$(437,016)	Sarah, Inc. \$35,000	Sarah, Inc. \$39,342.11	Axel Newman Heating & Plumbing Company St. Paul, Mn.
Radiation Therapy & Masonic Tower Architectural	12	\$ 444,233	\$ 468,440	\$+ 24,207	TCM Construction \$25,840		Knutson Construction Minneapolis, Mn.
Drilled Piers	13	\$ 117,450	\$ 271,991	\$+154,541	Allied Steel & Engineering \$9,100 Infield Welding \$4,825.00		Layne Minnesota Company Minneapolis, Mn.
Structural Steel	14	\$5,720,738	\$4,600,000	\$(1,120,738)	S.L.K. Construc. Co., Inc. \$242,950.00	S.L.K. Construc. Co., Inc. \$485,389.00	L.L. LeJeune Co. Minneapolis, Mn.

UNIVERSITY HOSPITALS RENEWAL PROJECT

CONTRACT AWARD SUMMARY

DESCRIPTION	BID PACK #	ESTIMATE	LOW BID	VARIANCE	S.E.D. FIRMS	MINORITY FIRMS	CONTRACTOR
Foundations and Concrete	15	\$4,142,700	\$3,529,700	\$ (613,000)	Allied Steel \$56,500 E-Con Placer \$65,000 Infield Welding \$165,000 Battle Electric \$ 4,797 Bay Mills Construction & Supply \$ 15,600 Thermal & Moisture Protection \$ 95,000		Lovering Associates, Inc. St. Paul, Mn.
Elevators	16	\$1,591,451	\$1,610,000	\$ + 13,549			Gust Lagerquist & Sons, Inc. Minneapolis, Mn.
Construction Hoisting	17	\$ 150,108	\$ 129,344	\$ (20,764)	Infield Welding \$ 22,500		Advance Equipment Company Minneapolis, Mn.
Building enclosure	18	\$5,375,243	\$5,061,600	\$ (313,643)	Quality Materials, Inc. \$91,000 Battle Crane Service \$30,000 Infield Welding \$20,000 So. Side Plumbing & Heating \$125,000		Lovering Associates, Inc. St. Paul, Mn.

UNIVERSITY HOSPITAL RENEWAL PROJECT

CONTRACT AWARD SUMMARY

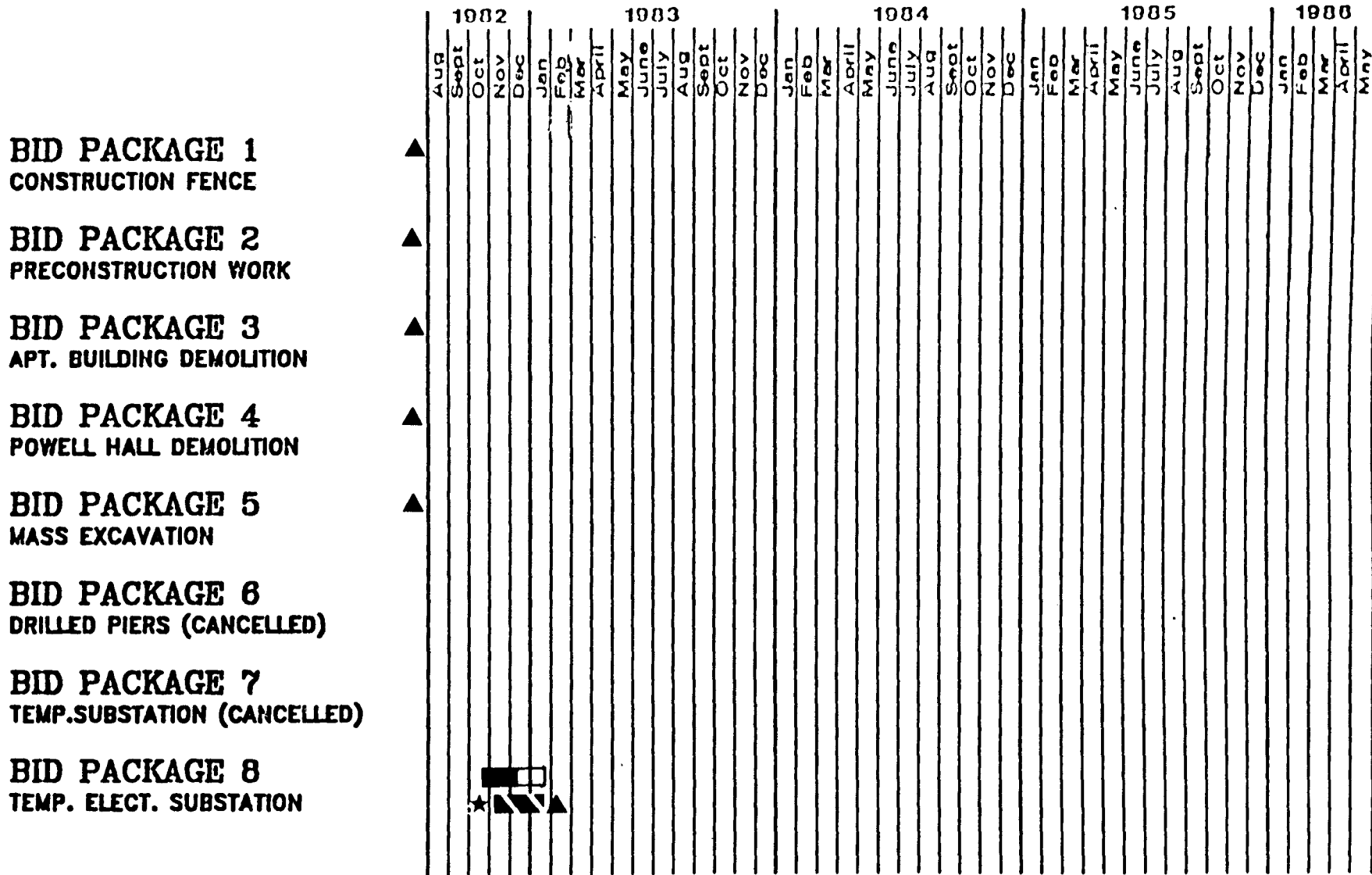
DESCRIPTION	BID PACK #	ESTIMATE	LOW BID	VARIANCE	S.E.D. FIRMS	MINORITY FIRMS	CONTRACTOR
Structural Studs, Insulation, Drywall & Plaster	19	\$ 4,754,374	\$4,289,310	\$ (465,064)	Reyes Drywall System \$215,000		Olympic Wall Systems Minnetonka, Mn.
Interior General Construction	20	\$ 5,087,767	\$4,708,500	\$ (379,267)	Lance Service, Inc. \$53,000 T.C.M. Construction \$262,500	Allied Steel & Engineering \$800.00 S.L.K. \$97,544.00	Knutson Construction Minneapolis, Mn.
Acoustical Ceilings	21	\$ 598,065	\$ 497,720	\$ (127,231)	Glanton Construction \$25,000		Acoustics Associates Minneapolis, Mn.
Quarry Tile, Ceramic Tile, Terrazzo & Epoxy Flooring	22	\$ 654,411	\$ 652,365	\$ (2,046)	H.E.R. Construction Svcs Inc., \$326,000	H.E.R. Construction Svcs Inc., \$326,365	Grazzini Brothers & Co. Bloomington, Mn.
Resilient Flooring & Carpet	23	\$ 513,379	\$ 497,050	\$(18,329)	F.S. Foster & Assoc., Inc. \$26,000.00		Architectural Sales of Minnesota, Inc. New Hope, Mn.
Paint & Wall Finishes	24	\$ 677,873	\$ 355,506	\$(322,367)		TCM Construction Company \$17,775.00	Julius B. Nelson & Son, Inc. Minneapolis, Mn.
Kitchen Equipment	25	\$ 922,159	\$1,236,450	\$ 314,291	Lang Custom Metals \$65,898.00		Aslesen's Minneapolis, Mn.
Pneumatic Tube System (PTS)	26	\$ 500,000	\$ 441,000	\$ (59,000)	Wilson Electric \$22,200.00		Quantum Industries, Inc. Santa Rosa, Ca.
Material Transport System (MTS)	27	\$1,500,000	\$1,350,000	\$ (150,000)	Wilson Electric \$55,000.00		Mosler-An American Standard Company Wayne, New Jersey

UNIVERSITY HOSPITAL RENEWAL PROJECT

CONTRACT AWARD SUMMARY

DESCRIPTION	BID PACK #	ESTIMATE	LOW BID	VARIANCE	S.E.D. FIRMS	MINORITY FIRMS	CONTRACTOR
Plumbing, Medical Gas	28	\$4,074,994	\$4,125,000	\$ 50,006	Sarah Incorporated \$ 88,500.00 Ed Anderson Insulation \$ 241,200.00		Harris Mechanical St. Paul, Mn.
H.V.A.C.	29	\$13,442,531	\$9,083,000	\$(4,359,531)	A-1 Excavating, Inc. \$260,082.00 R&S Heating & A/C, Inc. \$195,595.97	Ed Lacy, Inc. \$293,807.00 Environmental Systematics \$353,571.00	Axel Newman Heating & Plumbing St. Paul, Mn.
Fire Protection Sprinklers	30	\$ 966,885	\$ 706,716	\$(260,169)		Sarah Contracting, Inc. \$70,000	Carlson Auto Fire Protection Co. St. Paul, Mn.
Building Automation	31	\$ 3,400,000	\$2,526,336	\$(873,664)	Tim's Electric, Inc. \$ 40,000.00 Ed Barber Electric Supply, Inc. \$ 86,350.00		Minneapolis Honeywell, Inc. Mpls., Mn.
Electric & Temporary Electric	32	\$ 9,787,301	\$6,392,800	\$(3,394,501)	Wilson Electric		Commonwealth Electric, Mpls., Mn.

UNIVERSITY OF MINNESOTA HOSPITALS AND CLINICS UNIT J CONSTRUCTION SCHEDULE



Construction Schedule	Contract Awarded
Work in Progress	Work Completed
Schedule Revision	

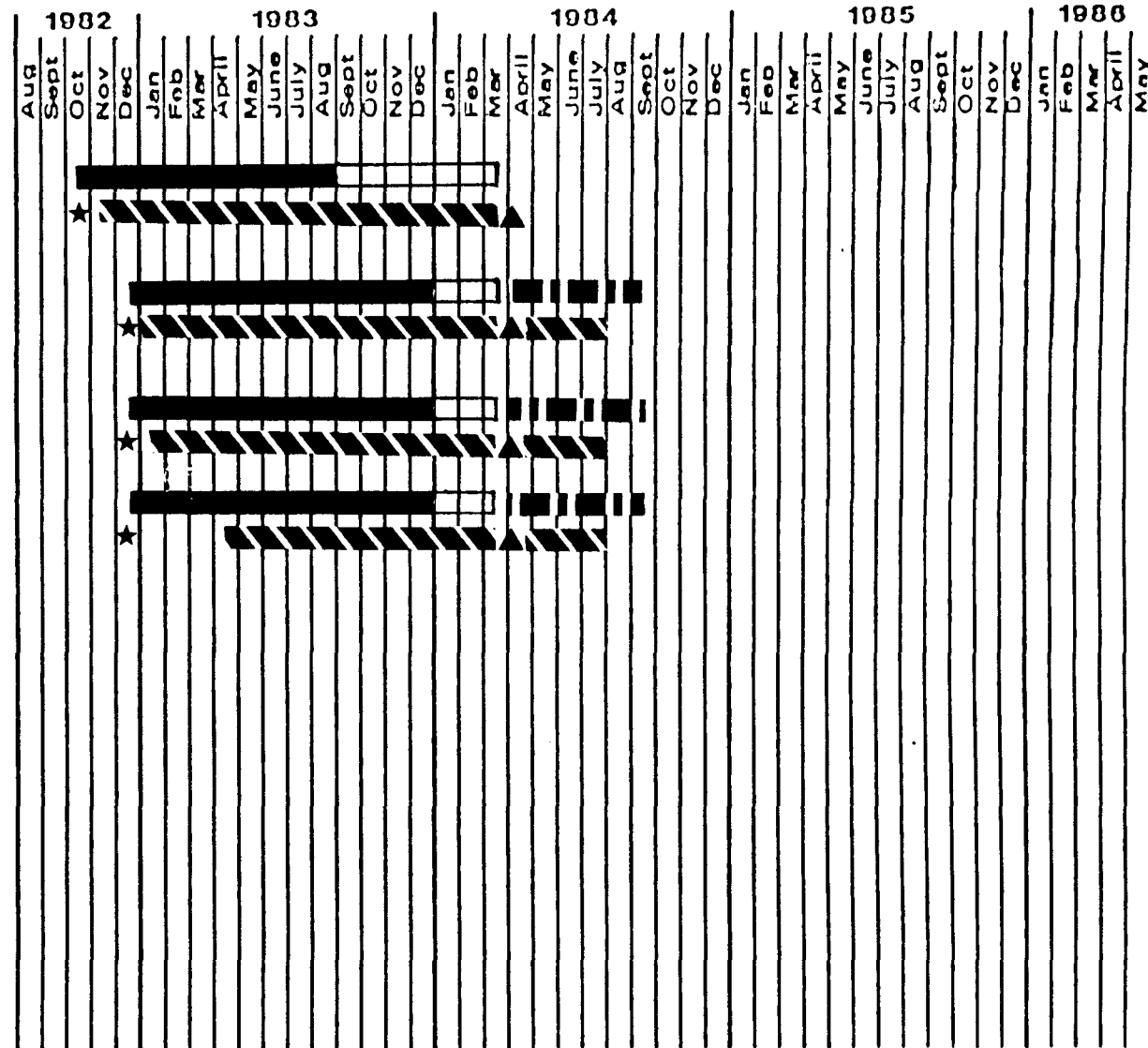
UNIVERSITY OF MINNESOTA HOSPITALS AND CLINICS RADIATION THERAPY CONSTRUCTION SCHEDULE




BID PACKAGE 9
STRUCTURE, BLDG. ENCLOSURE




BID PACKAGE 10
ELECTRICAL WORK

BID PACKAGE 11
MECHANICAL WORK

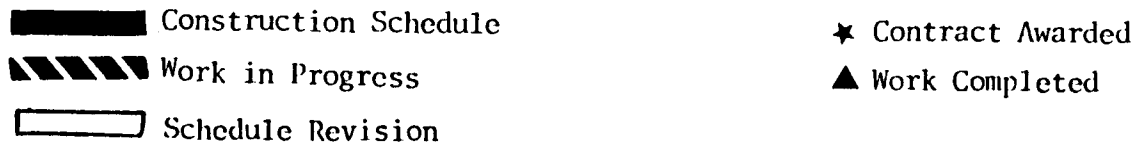
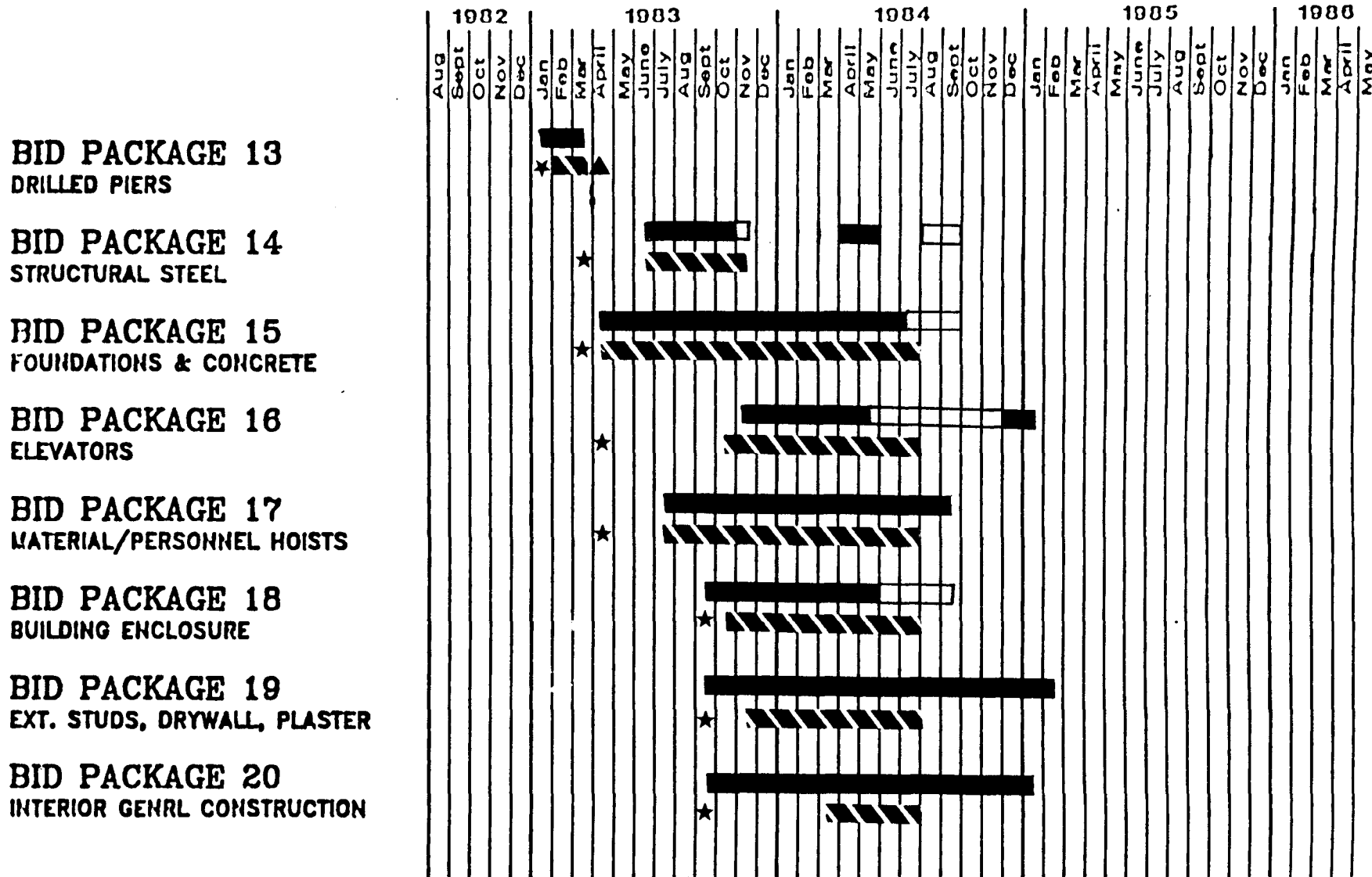
BID PACKAGE 12
INTERIOR CONSTRUCTION



 Construction Schedule
 Work in Progress
 Schedule Revision

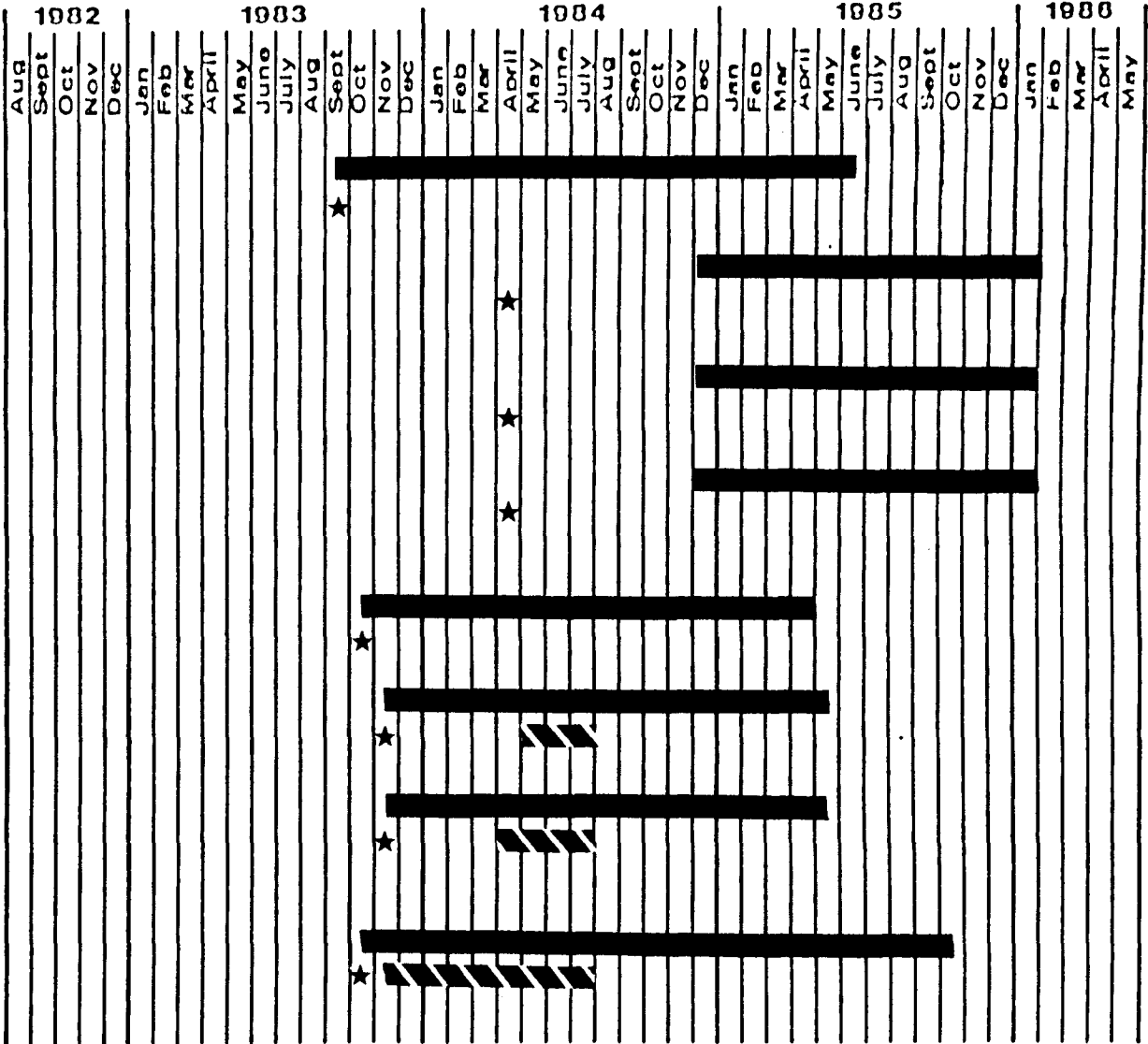
 Contract Awarded
 Work Completed
 MRI Construction Schedule

UNIVERSITY OF MINNESOTA HOSPITALS AND CLINICS UNIT J CONSTRUCTION SCHEDULE



UNIVERSITY OF MINNESOTA HOSPITALS AND CLINICS UNIT J CONSTRUCTION SCHEDULE

- BID PACKAGE 21**
ACOUSTICAL CEILINGS
- BID PACKAGE 22**
TILE, TERRAZZO, EPOXY FLOORS
- BID PACKAGE 23**
VINYL FLOORING, CARPET
- BID PACKAGE 24**
PAINT, VINYL FABRIC
- BID PACKAGE 25**
KITCHEN EQUIPMENT
- BID PACKAGE 26**
PNEUMATIC TUBE SYSTEM
- BID PACKAGE 27**
MATERIALS TRANSPORT SYSTEM
- BID PACKAGE 28**
PLUMBING, MEDICAL GASES



	Construction Schedule		Contract Awarded
	Work in Progress		Work Completed
	Schedule Revision		

UNIVERSITY OF MINNESOTA HOSPITALS AND CLINICS UNIT J CONSTRUCTION SCHEDULE

BID PACKAGE 29
HEAT, VENT, AIR CONDITIONING

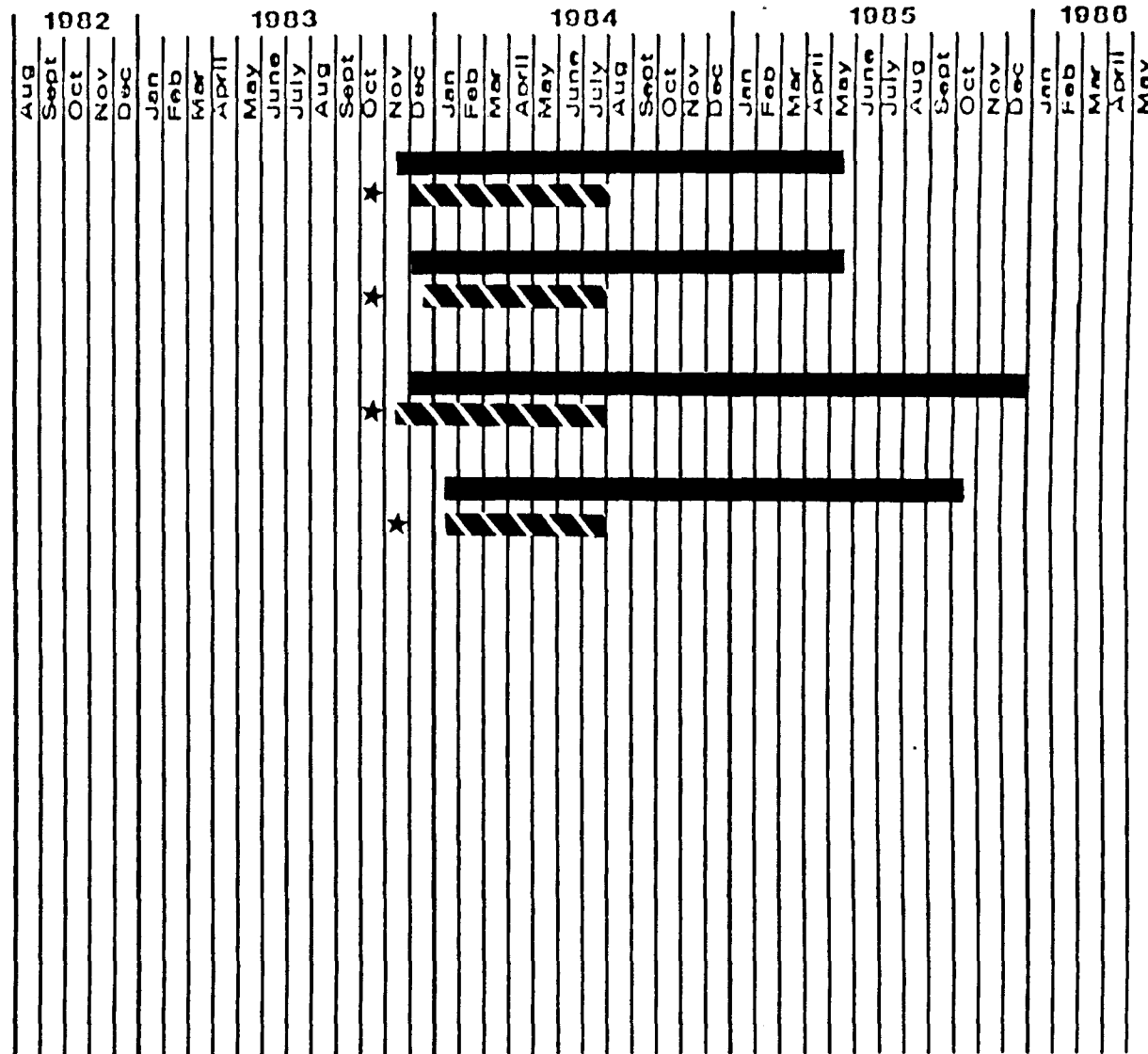
BID PACKAGE 30
FIRE PROTECTION SYSTEM

BID PACKAGE 31
BUILDING AUTOMATION SYSTEM

BID PACKAGE 32
ELECTRICAL

BID PACKAGE 33
SITWORK

BID PACKAGE 34
FINAL CLEAN UP



Construction Schedule
 Work in Progress
 Schedule Revision

★ Contract Awarded
 ▲ Work Completed

UNIVERSITY HOSPITALS RENEWAL PROJECT

CONSTRUCTION PROGRESS REPORT

Bid Package #1-9

Contract Awards	\$3,483,853.00	
Total Cost	\$3,555,544.00	100% Complete

- Bid Package #1 - Project Fence.
- Bid Package #2 - Modifications to K/E Unit, Mayo Unit, Masonic Memorial Hospital, Diehl Hall and Site Work to accommodate new construction.
- Bid Package #3 - Demolition and removal of apartment building.
- Bid Package #4 - Implosion of Powell Hall and adjustments at interface points.
- Bid Package #5 - Mass excavation, sheeting and shoring, removal and modification of site utilities.
- Bid Package #6 - Drilled Piers - (Cancelled).
- Bid Package #7 - Temporary Electrical Sub-station - (Cancelled).
- Bid Package #8 - Temporary Electrical Sub-station installation.
- Bid Package #9 - Radiation Therapy - Civil & Structural.

Bid Package #10 - Radiation Therapy - Electrical

Contractor: Hayes Electrical Division, Minneapolis, Minnesota

Contract Award	\$308,666.00	Cost To Date	\$440,992.00 (R.T.)
Net Changes	132,968.00	99% Complete	
NMR	138,592.00	Cost To Date	96,524.00 (NMR)
Total	580,226.00	74% Complete	

Scope of Work: Electrical Installation for Radiation Therapy.

The work under Bid Package #10 is complete except for changes that the Owner has requested. Final inspection has been completed and Certificate of Substantial Completion has been issued.

NMR electrical work is proceeding on schedule.

Bid Package #11 - Radiation Therapy - Heating and Plumbing

Contractor: Axel Newman Heating and Plumbing Co., Minneapolis, Minnesota

Contract Award	\$ 682,000.00	Cost To Date	\$765,104.00 (R.T.)
Net Changes	84,604.00	99% Complete	
NMR	290,441.00	Cost To Date	259,119.00 (NMR)
Total	\$1,057,045.00	89% Complete	

Scope of Work: Heating and plumbing for Radiation Therapy.

Final inspection has been completed and Certificate of Substantial Completion has been issued for work in Radiation Therapy. NMR work is on schedule.

Bid Package #12 - Radiation Therapy - Architectural & Specialties

Contractor: Knutson Construction Company, Minneapolis, Minnesota

Contract Award	\$ 468,440.00	Cost To Date	\$608,921.00 (R.T.)
Net Changes	148,955.00	99% Complete	
NMR	412,061.00	Cost To Date	157,292.00 (NMR)
Total	1,029,456.00	52% Complete	

Bid Package #12 - Radiation Therapy - Architectural & Specialties (cont'd)

Scope of Work: Furnish and install interior finishes and specialty architectural items within Radiation Therapy.

The work under Bid Package #12 is complete except for punchlist items and changes that the Owner has requested. Certification of Substantial Completion has been issued. NMR work is on schedule.

Bid Package #13 - Drilled Piers (Main Structure)

Contractor: Layne Minnesota, Minneapolis, Minnesota

Contract Award	\$271,991.00	Cost To Date	\$276,228.00
Net Changes	4,237.00	100% Complete	
Total Cost	276,228.00		

The work is complete. Contract is closed.

Bid Package #14 - Structural Steel (Main Structure)

Contractor: L.L. LeJeune Company, Minneapolis, Minnesota

Contract Award	\$4,600,000.00	Cost To Date	\$4,705,685.00
Net Changes	138,940.00	99.1% Complete	
Total Cost	4,738,940.00		

Scope of Work: Furnish, fabricate and erect all structural steel and metal deck for the project.

The work under Bid Package #14 is complete with the exception of the new construction work at the northwest corner of Unit J. Reduction of retention has been approved. Certificate of Substantial Completion has been issued.

Bid Package #15 - Foundation and Concrete (Main Structure)

Contractor: Lovering Associates, Incorporated, Minneapolis, Minnesota

Contract Award	\$3,561,700.00	Cost To Date	\$3,784,639.00
Net Changes	501,602.00	93% Complete	
Total Cost	4,063,302.00		

Scope of Work: To furnish materials and labor to install foundations and concrete remaining for Unit J. Includes drilled piers, pile caps, grade beams, reinforcing steel, concrete, forms, slabs on grade and concrete slabs on deck, ramps, excavation, backfill and renovations at K/E building.

The work under Bid Package #15 is substantially complete. Work remaining is the installation of the planters on the north and south elevations, which has started. Fireproofing is now complete, except for miscellaneous patching.

Bid Package #16 - Elevators

Contractor: Gust. Lagerquist & Sons, Inc., Minneapolis, Minnesota

Contract Award	\$1,610,000.00	Cost To Date	\$1,514,824.00
Net Changes	253,022.00	81% Complete	
Total Cost	1,863,022.00		

Scope of Work: Furnish and install all elevators and lifts in Unit J.

Bid Package #16 - Elevators (cont'd)

The installation of Cars #15, #16 and #17 is complete. They are now installing doors, floor tracks and door frames on all remaining elevators. Elevator installation is well ahead of schedule.

Bid Package #17 - Material/Personnel Hoists

Contractor: Advance Equipment Company, Minneapolis, Minnesota

Contract Award	\$129,344.00	Cost To Date	\$94,044.00
Net Changes	-0-	74% Complete	
Total Cost	129,344.00		

Removed material hoist from inside of Unit J and are now using elevator #15 and #17 as temporary hoists.

Bid Package #18 - Building Enclosure

Contractor: Lovering Associates, Incorporated, St. Paul, Minnesota

Contract Award	\$5,170,600.00	Cost To Date	\$3,323,694.00
Net Changes	95,476.00	63% Complete	
Total Cost	5,266,076.00		

Scope of Work: Building Enclosure

Roofing is now 99% complete. Block walls are being installed as needed by other Trade Contractors. Window installation is now 99% complete. Roof parapet and window sill precast is 99% complete. Brick is now 99% complete. Brick washing is taking place on both north and south elevations. Caulking has started on the south elevation.

Bid Package #19 - Structural Studs

Contractor: Olympic Wall Systems, Minnetonka, Minnesota

Contract Award	\$4,302,110.00	Cost To Date	\$1,851,420.00
Net Changes	109,147.00	42% Complete	
Total Cost	4,411,257.00		

Scope of Work: Structural Studs, Insulation, Drywall and Plaster

The work is doing very well. The installation of the exterior studs is now substantially complete. The closing up of mechanical shafts is 75% complete on all floors. 75% of the electrical rooms on all floors have been studded, rocked, taped and sanded. Interior studs on Level 4C is 95% complete. The installation of plastered soffits is taking place on all levels.

Bid Package #20 - Interior General Construction

Contractor: Knutson Construction Company, Minneapolis, Minnesota

Contract Award	\$4,719,875.00	Cost To Date	\$202,534.00
Net Changes	228,428.00	4% Complete	
Total Cost	4,948,303.00		

Scope of Work: Interior General Construction.

Door frames are being installed on Level One, Basement and Level Four. Level One

Bid Package #20 - Interior General Construction (cont'd)

and Four door frame delivery is being scheduled.

Bid Package #21 - Acoustical Ceiling

Contractor: Acoustic Associates, Minneapolis, Minnesota

Contract Award	\$499,220.00	Cost To Date	\$1,872.00
Net Changes	2,498.00	1% Complete	
Total Cost	501,718.00		

Scope of Work: Acoustical Ceilings.

Submittal process and shop drawings are complete.

Bid Package #22 - Quarry Tile, Ceramic Tile Terrazzo and Epoxy Flooring

Contractor: Grazzini Brothers and Company, Minneapolis, Minnesota

Contract Award	\$652,365.00	Cost To Date	\$4,550.00
Net Changes	-0-	1% Complete	
Total Cost	652,365.00		

A Preconstruction Conference was held in May. The Trade Contractor is proceeding with submittal requirements.

Bid Package #23 - Resilient Flooring and Carpet

Contractor: Architectural Sales of Minnesota, Minneapolis, Minnesota

Contract Award	\$497,050.00	Cost To Date	\$ -0-
Net Changes	-0-	0% Complete	
Total Cost	497,050.00		

A Preconstruction Conference was held in May. The Trade Contractor is proceeding with submittal requirements.

Bid Package #24 - Paint and Wall Finishes

Contractor: Julius B. Nelson and Son, Inc., Minneapolis, Minnesota

Contract Award	\$355,506.00	Cost To Date	\$4,266.00
Net Changes	-0-	1% Complete	
Total Cost	355,506.00		

A Preconstruction Conference was held in May. The Trade Contractor is proceeding with submittal requirements.

Bid Package #25 - Food Service Equipment

Contractor: Aslesen Company, Minneapolis, Minnesota

Contract Award	\$1,236,450.00	Cost To Date	\$ -0-
Net Changes	-0-	0% Complete	
Total Cost	1,236,450.00		

Scope of Work: Food Service Equipment

Bid Package #25 - Food Service Equipment (cont'd)

Shop drawings have been submitted and approved for equipment on Level One. Level Eight shop drawings have also been submitted and approved.

Bid Package #26 - Pneumatic Tube System

Contractor: Quantum Industries, Incorporated, Santa Rosa, California

Contract Award	\$526,200.00	Cost To Date	\$137,038.00
Net Changes	-0-	26% Complete	
Total Cost	526,200.00		

Scope of Work: Furnish and install Pneumatic Tube System.

The Pneumatic Tube System is now being installed on several floors and remains well ahead of schedule.

Bid Package #27 - Material Transport System

Contractor: Mosler Systems Division, Wayne, New Jersey

Contract Award	\$1,105,932.00	Cost To Date	\$242,489.00
Net Changes	-0-	22% Complete	
Total Cost	1,105,932.00		

Scope of Work: Furnish and install Material Transport System.

The installation of the Material Transport System is going very well and is ahead of schedule.

Bid Package #28 - Plumbing and Medical Gases

Contractor: Harris Mechanical Contracting, St. Paul, Minnesota

Contract Award	\$4,125,950.00	Cost To Date	\$2,353,627.00
Net Changes	89,531.00	56% Complete	
NMR	1,752.00		
Total Cost	4,217,233.00		

Scope of Work: Furnish and install Plumbing and Medical Gases.

The work under this Bid Package is continuing. Med gas, acid waste and water mains are being installed on Levels One, Two, Three and Four. Waste and vent branches are being installed on Levels One, Two, Four and Five. Core drilling is now taking place on Levels Seven and Eight with carrier installation following.

Bid Package #29 - Heating, Ventilation and Air Conditioning

Contractor: Axel Newman Heating and Plumbing Co., St. Paul, Minnesota

Contract Award	\$9,105,400.00	Cost To Date	\$4,525,062.00
Net Changes	109,102.00	49% Complete	
Total Cost	9,214,502.00		

The work under this Bid Package is going very well. Duct insulation is taking place on all risers, also on overhead ductwork on Levels One and Four. Ductwork is now complete on Level One, 4C and 2C. Heating and cooling mains are being installed on Levels Two, Four, Five and Six. Pipe insulation taking place on Levels One, Two and Four. The installation of the cooling tower is 85% complete. Duct work is now being installed in basement, Levels 2 and 4 A/B.

Bid Package #30 - Fire Protection System

Contractor: Carlson Automatic Fire Protection, Burnsville, Minnesota

Contract Award	\$706,941.00	Cost To Date	\$211,390.00
Net Changes	1,960.00	29% Complete	
NMR	25,535.00		
Total Cost	734,436.00		

Fire Protection System is being installed on Level C.

Bid Package #31 - Building Automation System

Contractor: Honeywell Incorporated, Edina, Minnesota

Contract Award	\$2,526,336.00	Cost To Date	\$162,826.00
Net Changes	-0-	6% Complete	
Total Cost	2,526,336.00		

Hoffman Electric is installing conduit for Honeywell as needed.

Bid Package #32 - Electrical

Contractor: Commonwealth Electric Company, Minneapolis, Minnesota

Contract Award	\$6,413,400.00	Cost To Date	\$1,833,298.00
Net Changes	31,679.00	28 Complete	
Total Cost	6,445,079.00		

Scope of Work: Unit J Electrical work.

This contractor is progressing with the completion of the electrical rooms throughout the building. They are currently installing panels, transformer, subfeeders, as well as branch circuit home runs for power. They have installed some of the riser feeder cable and penthouse feeder cable. One man is working on the rough-in of block walls in the basement and 8th floor.

Bid Package #33 - Sitework (sidewalk pavers, bike racks, driveways, planters), finish grading, removal of site fence, patch asphalt.

Bid Package #34 - Final clean up.

UNIVERSITY HOSPITALS RENEWAL PROJECTPROJECT BUDGET

<u>CERTIFIED CONSTRUCTION PRICE,</u>	<u>ORIGINAL BUDGET</u>	<u>REVISIONS TO BUDGET</u>	<u>CURRENT BUDGET</u>
Building Costs	\$ 69,671,681	\$ 3,333,855	\$ 73,005,536
Construction Manager General Conditions	5,561,780	(1,314,034)	4,247,746
General Manager Contingency	5,269,250	(89,675)	5,179,575
Construction Manager Non-Building Costs	1,444,050	(388,000)	1,056,050
Construction Manager Reimbursables	788,230	92,652	880,882
Contracted Radiation Therapy Work	1,971,800	(1,971,800)	0
Construction Manager Fee/Personnel Expense	7,460,000	249,231	7,709,231
Construction Manager Bond	525,000	0	525,000
Revisions to Bid Packages	0	1,709,075	1,709,075
 	<hr/>	<hr/>	<hr/>
TOTAL CERTIFIED CONSTRUCTION PRICE	\$ 92,691,791	\$ 1,621,304	\$ 94,313,095
<u>NON-BUILDING COSTS</u>			
Owner's Contingency	\$ 2,257,004	\$ (1,621,304)	\$ 635,700
Site Work	2,139,764		2,139,764
Architect/Engineering Fee	7,260,327		7,260,327
Owner Consultants	1,938,539		1,938,539
Insurance, Fees, Permits, Expenses	2,535,336	150,000	2,685,336
Communication Systems	1,000,000		1,000,000
Moveable Equipment & Furniture	13,250,000		13,250,000
Remodeling Costs	1,677,000		1,677,000
Prior Construction Manager Fee	500,000	(150,000)	350,000
Prior Worker's Compensation	52,805		52,805
 	<hr/>	<hr/>	<hr/>
TOTAL NON-BUILDING COST	\$ 32,610,775	\$ (1,621,304)	\$ 30,989,471
TOTAL PROJECT BUDGET	\$ 125,302,566	0	\$ 125,302,566
	=====	=====	=====

UNIVERSITY HOSPITALS RENEWAL PROJECT II
BUDGET DISTRIBUTION REPORT *

PAGE I

BUDGET ITEM	ORIGINAL CCP	REVISIONS	REVISED CCP	D.P. # 1-5	D.P. #8	D.P. #9	D.P. #10	D.P. #11	D.P. #12
Excavation	1,437,615		1,437,615	935,000					
Foundations	930,237		930,237						
Structure	8,410,710	2,608	8,413,318						
Exterior	5,761,165	(136,606)	5,624,559						
Moisture Protection	614,395	10,970	625,365						
Carpentry	317,745		347,745						21,225
Base, Details	871,650		871,650						10,000
Int. Subdivision	6,416,114	(94,732)	6,321,382						239,157
Finishes	3,033,337	(184,160)	2,849,177						80,645
Equipment	3,572,015	(65,000)	3,507,015						107,440
Conveying Systems	3,429,821	(110,638)	3,269,183						
Plumbing	4,760,760	112,000	4,872,760					288,960	
Fire Protection	1,064,687	(1,150)	1,063,530					66,452	
HVAC	14,965,439	(561,500)	14,400,940					841,390	
Building Automation	2,809,609	600,000	3,400,000						
Electrical	10,067,282		10,067,282				586,018		
Link Connections	276,000		276,000						
Sitework	650,000	57,550	707,550						
Renovations	292,715		292,715	123,665					
General Conditions	5,561,789	83,669	5,645,449	27,753	63,600				
Contingency	5,269,250	(89,675)	5,179,575						
Non-building	1,141,050		1,444,050	388,000					
Reimbursables	789,239	92,652	880,882						
Bid Package #9	1,971,800		1,971,800			1,971,800			
C.B. Fee & Expenses	7,460,067	249,231	7,709,231						
C.B. Bond	525,000		525,000						
TOTAL BUDGET	92,691,791	(87,771)	2,604,020	1,474,418	60,000	1,971,800	546,884	1,119,009	428,667
Workmans' Comp.	--			-0-	3,600	-0-	39,134	77,793	29,800
Revisions to D.P.'s			1,709,075	---	---	131,360	224,666	362,154	532,452
Revised CCP			94,313,095	1,474,418	60,000	2,103,160	771,550	1,481,163	961,119

*Information obtained from Gilbane-Mortenson
Monthly Report July 31, 1984

UNIVERSITY HOSPITALS RENEWAL PROJECT II
BUDGET DISTRIBUTION REPORT *

PAGE II

BUDGET ITEM	ORIGINAL CCP	REVISIONS	REVISED CCP	B.P. #13	B.P. #14	B.P. #15	B.P. #16	B.P. #17	B.P. #18
Excavation	1,437,615		1,437,615	38,000		446,549			
Foundations	930,237		930,237	67,060		813,177			
Structure	8,410,719	2,608	8,413,310		5,772,397	2,605,921			
Exterior	5,711,165	(136,606)	5,624,559						4,299,676
Moisture Protection	611,325	10,970	625,365			68,580			492,789
Carpentry	347,745		347,745						72,966
Base Metals	871,650		871,650		396,000				45,000
Int. Subdivision	6,416,114	(94,732)	6,321,382						293,931
Finishes	3,603,337	(184,160)	2,819,177						139,882
Equipment	3,572,015	(65,000)	3,507,015						
Conveying Systems	3,429,821	(160,628)	3,269,193				1,637,061		
Plumbing	4,760,760	112,000	4,872,760			91,200			
Fire Protection	1,034,689	(1,150)	1,063,539						
HVAC	14,965,440	(564,500)	14,400,940						
Building Automation	2,600,000	600,000	3,400,000						
Electrical	10,067,282		10,067,282						
Link Connections	276,000		276,000						
Site work	650,000	57,550	707,550			73,261			
Renovations	292,715		292,715			109,050			
General Conditions	5,561,769	83,669	5,645,449	20,000	12,500	123,000	20,700	154,750	10,500
Contingency	5,269,250	(89,675)	5,179,575						
Non-building	1,444,059		1,444,059						
Perishables	789,230	92,652	880,882						
Bid Package #9	1,971,869		1,971,869						
C.B. Fee & Expenses	7,460,000	249,231	7,709,231						
C.B. Bond	525,000		525,000						
TOTAL BUDGET	92,691,791	(87,771)	92,604,020	117,450	5,717,330	4,142,700	1,591,451	150,108	5,133,135
Workman's Comp.	--			7,810	463,567	218,038	66,310	4,642	211,609
Revisions to B.P.'s			1,709,075	69,257	130,130	344,585	248,623	52,297	197,108
Revised CCP			94,313,095	186,707	5,847,460	4,487,285	1,840,074	150,108	5,330,243

*Information obtained from Gilbane-Mortenson
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UNIVERSITY HOSPITALS RENEWAL PROJECT II
BUDGET DISTRIBUTION REPORT *

PAGE III

BUDGET ITEM	ORIGINAL CCP	REVISIONS	REVISED CCP	B.P. #19	B.P. #20	B.P. #21	B.P. #22	B.P. #23	B.P. #24
Excavation	1,437,615		1,437,615						
Foundations	930,237		930,237						
Structure	8,410,716	2,608	8,413,318						
Exterior	5,781,165	(136,606)	5,624,559	1,310,226	14,657				
Moisture Protection	(11,335)	10,970	625,365						
Carpentry	337,745		347,745	12,823	219,933				
Base Metals	871,650		871,650	20,000	323,800				
Int. Subdivision	6,316,114	(94,732)	6,321,382	3,486,112	2,163,337				138,845
Finishes	3,603,337	(184,160)	2,819,177	320,248		638,999	624,178	486,852	517,273
Equipment	3,572,015	(65,000)	3,507,015		2,147,260				
Conveying Systems	3,429,821	(160,628)	3,269,193						
Plumbing	4,769,760	112,000	4,872,760						
Fire Protection	1,064,600	(1,150)	1,063,530						
HVAC	14,965,340	(564,500)	14,400,940						
Building Automation	2,650,000	600,000	3,400,000						
Electrical	10,667,282		10,667,282						
Pipe Connections	276,050		276,000						
Sitework	650,000	57,550	707,550						
Renovations	292,715		292,715						
General Conditions	5,561,780	83,660	5,645,440	35,000	127,000	15,000	57,500	50,000	50,000
Contingency	5,269,250	(89,675)	5,179,575						
Non-Building	1,444,050		1,444,050						
Peripherals	789,239	92,652	880,892						
Prod Package #9	1,971,800		1,971,800						
C.H. Fee & Expenses	7,460,000	249,231	7,709,231						
C.H. Bond	525,000		525,000						
TOTAL BUDGET	92,691,791	(87,771)	92,604,020	4,986,427	4,790,219	624,951	654,411	515,379	677,873
Workmans' Comp.	--			197,902	205,760	29,048	27,267	21,473	28,245
Revisions to B.P.'s			1,709,075	(138,235)	214,803	(22,888)			
Revised CCP			94,313,095	4,848,192	5,005,022	602,063	654,411	515,379	677,873

*Information obtained from Gilbane-Mortenson
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UNIVERSITY HOSPITALS RENEWAL PROJECT II
BUDGET DISTRIBUTION REPORT *

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BUDGET ITEM	ORIGINAL CCP	REVISIONS	REVISED CCP	B.P. #25	B.P. #26	B.P. #27	B.P. #28	B.P. #29	B.P. #30
Excavation	1,437,615		1,437,615						
Foundations	930,237		930,237						
Structure	8,410,710	2,608	8,413,318						
Exterior	5,701,165	(136,606)	5,624,559						
Moisture Protection	611,305	10,970	625,365						
Carpentry	317,745		317,745				14,595		
Misc. Metals	871,650		871,650					20,000	
Int. Subdivision	6,416,114	(94,732)	6,321,382						
Finishes	3,003,317	(184,160)	2,819,177						
Equipment	3,572,015	(65,000)	3,507,015	920,159			128,330		
Conveying Systems	3,159,821	(160,620)	3,269,193		526,200	1,105,932			
Plumbing	4,700,760	112,000	4,872,760				4,000,000		
Fire Protection	1,064,680	(1,150)	1,063,530						997,078
HVAC	14,969,440	(504,500)	14,400,940					13,559,550	
Building Automation	2,800,000	600,000	3,400,000						
Electrical	10,067,282		10,067,282						
Link Connections	276,600		276,600						
Sitework	650,000	57,550	707,550						
Renovations	292,715		292,715						
General Conditions	5,561,780	83,669	5,645,449	2,000			71,000	420,000	10,000
Contingency	5,209,350	(89,675)	5,179,575						
Non-Building	1,444,050		1,444,050						
Peripherals	760,210	92,652	880,882						
Std Package #9	1,971,800		1,971,800						
C.M. Fee & Expenses	7,400,000	249,231	7,709,231						
C.M. Bond	525,000		525,000						
TOTAL BUDGET	92,691,791	(87,771)	92,604,020	922,159	526,200	1,105,932	4,074,994	13,442,531	966,805
Workmans' Comp.	--			41,706	-0-	-0-	139,011	557,019	40,193
Revisions to B.P.'s			1,709,075	80,775	---	---	84,718	72,048	28,108
Revised CCP			94,313,095	1,002,934	526,200	1,105,932	4,159,712	13,514,579	994,993

*Information obtained from Gilbane-Mortenson
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BUDGET ITEM	ORIGINAL CCP	REVISIONS	REVISED CCP	B.P. #31	B.P. #32	B.P.	B.P.	B.P.	BUDGET REMAINING
Excavation	1,437,615		1,437,615						18,066
Foundations	930,237		930,237						20,000
Structure	8,410,710	2,600	8,413,310						35,000
Exterior	5,761,165	(136,606)	5,624,559						-0-
Moisture Protection	614,395	10,970	625,365						63,996
Carpentry	317,715		317,715						6,201
Misc. Metals	871,650		871,650						56,850
Int. Subdivision	6,416,114	(94,732)	6,321,382						-0-
Finishes	3,003,337	(184,160)	2,819,177						11,100
Equipment	3,572,015	(65,000)	3,507,015		83,335				120,491
Conveying Systems	3,429,821	(160,628)	3,269,193						-0-
Plumbing	4,760,760	112,090	4,872,760		385,000				107,520
Fire Protection	1,064,690	(1,150)	1,063,530						-0-
HVAC	14,965,440	(564,509)	14,400,940						-0-
Building Automation	2,860,000	600,000	3,400,000	3,400,000					-0-
Electrical	10,067,282		10,067,282		9,385,491				95,771
Link Connections	276,000		276,000						276,000
Sitework	650,000	57,550	707,550						634,209
Renovations	292,715		292,715						60,000
General Conditions	5,861,720	83,669	5,945,449		127,400				4,247,746
Contingency	5,269,250	(89,675)	5,179,575						5,179,575
Non-Building	1,444,050		1,444,050						1,056,050
Reimbursables	788,230	92,652	880,882						880,882
Old Package #9	1,971,800		1,971,800						-0-
C.M. Fee & Expenses	7,460,000	249,231	7,709,231						7,709,231
C.M. Bond	525,000		525,000						525,000
TOTAL BUDGET	92,691,791	(87,771)	92,604,020	3,400,000	9,579,450				
Workmans' Comp.	--			-0-	401,776				
Revisions to B.P.'s			1,709,075	(873,664)	23,075				21,101,772
Revised CCP			94,313,095	2,526,336	9,602,525				

*Information obtained from Gilbane-Mortenson
Monthly Report, July 31, 1984

GILBANE-MORTENSON
UNIVERSITY OF MINNESOTA
BUDGET CONTROL REPORT*

JULY 31, 1984

<u>CONTRACTOR</u>	<u>ORIGINAL BUDGET</u>	<u>REVISED BUDGET</u>	<u>GROSS COMPLETED TO DATE</u>	<u>COMMITTED</u>	<u>ESTIMATED TO COMPLETE</u>	<u>PREDICTED FINAL COST</u>	<u>(OVERRUN) UNDERRUN</u>
BP #1 thru #7 Initial Construction Phase I	1,460,887	1,460,887	1,460,887	1,460,887	-0-	1,460,887	-0-
BP #8 - Temp. Elec. Sub. Installation Gombold Elec., Inc.	60,000	60,000	55,036	55,036	-0-	55,036	4,964
BP #9 - Rad. Ther. & Mas. Tower, Civ. Struct. & Bldg. Enc. Arkey Const. Co.	1,971,800	2,043,181	2,039,621	2,039,621	-0-	2,039,621	22,993
BP #10 - Rad. Ther. Masonic Tower-Elec. Hayes Cont., Inc.	546,884	807,965	537,516	580,226	-0-	580,286	227,739
BP #11 - Rad. Ther. Masonic Tower-Mech. Axel Newman Heating & Plumbing Co.	1,119,009	1,485,949	1,054,223	1,057,045	-0-	1,057,045	428,904
BP #12 - Rad. Ther. Masonic Tower-Arch. Knutson Const. Co.	428,667	962,101	766,213	1,029,456	-0-	1,029,456	(67,355)
BP #13 - Drilled Piers Layne Minnesota Co.	117,450	188,118	276,229	276,229	-0-	276,229	(88,111)

*Information obtained from Gilbane-Mortenson
Monthly Report, July 31, 1984

GILBANE-MORTENSON
UNIVERSITY OF MINNESOTA
BUDGET CONTROL REPORT*

JULY 31, 1984

<u>CONTRACTOR</u>	<u>ORIGINAL BUDGET</u>	<u>REVISED BUDGET</u>	<u>GROSS COMPLETED TO DATE</u>	<u>COMMITTED</u>	<u>ESTIMATED TO COMPLETE</u>	<u>PREDICTED FINAL COST</u>	<u>(OVERRUN) UNDERRUN</u>
BP #14 - Unit J Structural Steel L. L. LeJeune Steel	5,717,330	5,890,199	4,705,685	4,738,940	-0-	4,738,940	1,151,259
BP #15 - Foundations and Concrete Lovering Assoc., Inc.	4,142,700	4,695,637	3,784,639	4,063,302	170,000	4,233,302	462,335
BP #16 - Unit J Elevators Gust. Lagerquist & Sons, Inc.	1,591,451	1,844,473	1,514,824	1,863,022	-0-	1,863,022	(18,549)
BP #17 - Unit J Material/Personnel Hoists Advance Equip.Co.	150,108	150,108	96,044	129,344	-0-	129,344	20,764
BP #18 - Building Enclosure Lovering Assoc., Inc.	5,133,135	5,377,249	3,323,694	5,266,076	6,000	5,272,076	105,173
BP #19 - Struct.Studs Insul,Drywall & Plaster Olympic Wall Systems, Inc.	4,986,427	4,903,921	1,851,420	4,411,257	15,000	4,426,257	477,664
BP #20 - Interior General Const. Knutson Const.Co.	4,790,219	5,064,785	202,534	4,948,303	-0-	4,948,303	116,482

*Information obtained from Gilbane-Mortenson
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GILBANE-MORTENSON
UNIVERSITY OF MINNESOTA
BUDGET CONTROL REPORT *

JULY 31, 1984

<u>CONTRACTOR</u>	<u>ORIGINAL BUDGET</u>	<u>REVISED BUDGET</u>	<u>GROSS COMPLETED TO DATE</u>	<u>COMMITTED</u>	<u>ESTIMATED TO COMPLETE</u>	<u>PREDICTED FINAL COST</u>	<u>(OVERRUN) UNDERRUN</u>
BP #21 - Acoustical Ceilings Acoustics Assoc., Inc.	624,951	608,603	1,872	501,718	-0-	501,718	106,885
BP #22 - Quarry Tile, Ceramic Tile, Terrazzo Epoxy Flooring Grazzini Bros. & Co.	654,411	654,411	4,550	652,365	-0-	652,365	2,046
BP #23 - Resilient Flooring, Carpet Architec. Sales of Minn., Inc.	515,379	520,899	-0-	497,050	-0-	497,050	23,849
BP #24 - Paint and Wall Finishes Julius B. Nelson & Son, Inc.	577,873	684,221	4,266	355,506	-0-	355,506	328,715
BP #25 - Food Service Equip. Aslesen Co.	922,159	1,002,934	-0-	1,236,450	-0-	1,236,450	(233,516)
BP #26 - Pneumatic Tube System Quantum Ind., Inc.	526,200	526,200	137,038	526,200	-0-	526,200	-0-
BP #27 - Material Transport System Mosler Systems Div.	1,105,932	1,105,932	242,489	1,105,932	-0-	1,105,932	-0-

*Information obtained from Gilbane-Mortenson
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GILBANE-MORTENSON
UNIVERSITY OF MINNESOTA
BUDGET CONTROL REPORT *

JULY 31, 1984

<u>CONTRACTOR</u>	<u>ORIGINAL BUDGET</u>	<u>REVISED BUDGET</u>	<u>GROSS COMPLETED TO DATE</u>	<u>COMMITTED</u>	<u>ESTIMATED TO COMPLETE</u>	<u>PREDICTED FINAL COST</u>	<u>(OVERRUN) UNDERRUN</u>
BP #28 - Plumbing & Medical Gases Harris Mechanical Contracting Co.	4,074,994	4,180,089	2,353,627	4,217,233	35,000	4,252,233	(72,144)
BP #29 - HVAC Axel Newman Htg. & Plumbing Co.	13,442,531	13,582,948	4,525,062	9,214,502	15,000	9,229,502	4,323,446
BP #30 - Fire Protection System Carlson Auto. Fire Protection Co.	966,885	1,010,848	211,390	734,436	-0-	734,436	276,412
BP #31 - Bldg. Automation System Honeywell Inc.	2,526,336	2,532,606	162,826	2,526,336	-0-	2,526,336	6,270
BP #32 - Electrical Commonwealth Elec.	9,579,450	9,662,348	1,833,298	6,445,079	-0-	6,445,079	3,217,269
Unpurchased		1,024,016	-0-	-0-	1,024,016	1,024,016	-0-
Insurance Workmans' Comp.	2,823,678	2,900,663	512,000	2,900,663	-0-	2,900,663	-0-
General Conditions		4,020,658	251,498	251,498	3,497,217	3,748,715	271,943
Contingency		5,177,912		5,177,912		5,177,912	-0-
Non-Bldg. Costs		988,361	578,655	578,655	212,899	791,554	196,807

*Information obtained from Gilbane-Mortenson
Monthly Report, July 31, 1984

GILBANE-MORTENSON
 UNIVERSITY OF MINNESOTA
 BUDGET CONTROL REPORT *

JULY 31, 1984

<u>CONTRACTOR</u>	<u>ORIGINAL BUDGET</u>	<u>REVISED BUDGET</u>	<u>GROSS COMPLETED TO DATE</u>	<u>COMMITTED</u>	<u>ESTIMATED TO COMPLETE</u>	<u>PREDICTED FINAL COST</u>	<u>(OVERRUN) UNDERRUN</u>
Reimbursables		972,456	199,294	205,625	377,937	583,562	388,894
Personal & Fee	7,460,000	7,707,679	7,640,372	7,707,679		7,707,679	-0-
Bond	525,000	525,000	521,075	521,075	6,000	527,075	(2,075)
TOTALS		<u>94,312,790</u>	<u>40,847,877</u>	<u>77,274,658</u>	<u>5,359,069</u>	<u>82,633,727</u>	<u>11,679,063</u>

*Information obtained from Gilbane-Mortenson
 Monthly Report, July 31, 1984

OVERVIEW

BID PACKAGE STATUS

Contracts awarded to date	30
Bid packages cancelled	2
Bid packages currently out for bid	0
Bid packages left to bid	2
<hr/> Total packages to be bid	<hr/> 34

SCHEDULE STATUS

	Original Substantial Completion Date	Original Certified Completion Date	Approved Schedule Extension (Days)	Current Substantial Completion Date	Current Certified Completion Date
Therapeutic Radiology	Jan.1,1984	Jan.1,1984	58	Feb.29,1984	Feb.29,1984
Unit J	Mar.1,1984	Dec.1,1984	0	Mar.1,1986	Dec.1,1986

BUDGET STATUS

	Total Budget	Estimated Work/ Fee to Date	Committed to Date	Percentage of Budget Committed	Paid to Date	Percentage of Budget Paid	Over(Under) Estimate	Percentage Over(Under) Estimate
Building Costs	\$94,435,899	\$94,389,598	\$82,851,636	87.7%	\$42,580,119	45.1%	(\$11,537,962)	(12.2%)
Non-Building Costs	\$30,866,667	\$16,413,148	\$16,413,148	53.2%	\$12,339,522	40.0%	-	-
TOTAL	\$125,302,566	\$110,802,746	\$99,264,784	79.2%	\$54,919,641	43.8%	(\$11,537,962)	-

UNIVERSITY HOSPITALS RENEWAL PROJECT

PROGRESS REPORT

SEPTEMBER 1, 1984

CONSTRUCTION ACTIVITIES

- . The Department of Therapeutic Radiology moved from its Mayo Hospital Clinic to Unit J August 3 - 5. Treatment of all patients began on Wednesday, August 8, 1984. Fine tuning of systems continues along with the delivery of furniture, monitors and other miscellaneous equipment.

The Hyperthermia room nears completion. The Hyperthermia machine is being readied for installation in early September.

Approval was given for the purchase of the third linear accelerator. This 6 MeV will replace the 10 MeV located in Mayo. Final preparation has begun on the third treatment room to ready it for receipt of this accelerator in September.
- . Construction of the northwest corner of Unit J and its link to the southeast corner of Mayo first floor (vacated Therapeutic Radiology Clinic) is scheduled to begin in late September. Salvageable materials are being removed from the Mayo Clinic area in preparation for demolition.
- . Construction continued on the Magnetic Resonance Imaging Suite (MRI). The RF shielding was delivered and is being installed. The magnet has been set in place and is undergoing initial testing.
- . Work in the building elevators continues. Three elevators are complete and in use for the transport of construction materials. Ten of the remaining twelve are substantially complete. The last two elevators are scheduled to be delivered and installed in November, 1984.
- . Now that the brick work is substantially complete, the roofing completion and testing will be scheduled. Brick washing has been completed on the north and south faces of the building. Caulking is taking place on the south, north and east faces.
- . Exterior stud installation is substantially complete. Interior studs on the west end of Level Four is 99% complete. The installation of plastered soffits is 85% complete in that same area. Interior studs are also being installed on Level One and the northeast and southeast sections of Level Four.
- . The waste and vent system including acid waste piping has been completed from the Basement through Level Six. Water mains and branches are complete on Level One and the west end of Level Four; installation continues on Level Two and the remainder of Level Four.
- . The installation of the cooling tower has been completed by the HVAC contractor. Duct work, heating and cooling piping has been completed on Levels Two and Four. It is at various stages of installation on the remaining levels. Duct and pipe insulation follows installation and is proceeding ahead of schedule.

- . The fire protection system has been completed at the Basement level, at the west end of Level Four and on the northeast and southeast sections of Level Eight.
- . Inwall conduit installation is taking place on Levels One and Four now that the electrical rooms have been substantially completed.
- . Average daily manpower on site is 228 persons between 16 contractors.

UNIVERSITY HOSPITALS RENEWAL PROJECT

CONTRACT AWARD SUMMARY

DESCRIPTION	BID PACK #	ESTIMATE	LOW BID	VARIANCE	S.E.D. FIRMS	MINORITY FIRMS	CONTRACTOR
Construction Fence	1	\$ 26,571	\$ 25,168	\$ (1,403)	A-1 Excavating \$ 760		Crowley Fence Company St. Paul, Mn.
Preconstruction Work	2	240,487	126,300	(114,187)	SACO \$ 3,800		Sheehy Construction Company St. Paul, Mn.
Apartment Building Demolition	3	9,240	9,240	-0-	Roy-A1 \$ 300		A. Kamish & Sons St. Paul, Mn.
Powell Hall Demolition	4	365,936	348,975	(16,961)	Roy-A1 \$11,000		Controlled Demolition Baltimore, Maryland
Mass Excavation	5	1,358,671	935,050	(423,621)	Texture Master \$29,000	A-1 Excavating M.A.C. Trucking Jewat Trucking	Carl Bolander & Sons Minneapolis, Mn.
Cancelled	6						
Cancelled	7						
Temporary Power Substation	8	61,768	51,166	(10,602)	Gombolt Electric Inc. \$51,166		Gombolt Electric, Inc. Minneapolis, Mn.

UNIVERSITY HOSPITALS RENEWAL PROJECT

CONTRACT AWARD SUMMARY

DESCRIPTION	BID PACK #	ESTIMATE	LOW BID	VARIANCE	S.E.D. FIRMS	MINORITY FIRMS	CONTRACTOR
Radiation Therapy & Masonic Tower, Civil, Structural and Building Enclosure	9	\$2,000,000	\$1,971,800	\$(- 28,200)	Bay Mills \$16,900 Economy Concrete Placer \$12,510 Allied Steel \$11,127.28	Dunsheath Construction \$50,000	Arkey Construction Co. Minneapolis, Mn.
Radiation Therapy & Masonic Tower, Electrical	10	\$ 546,884	\$ 308,668	\$(238,216)	Barber Electric Company \$529.72 Reco Supply Lampco Supply \$733.80 M&M Electric, Inc \$14,736.48 Total-\$16,000	Barber Electric Company \$1,992.27 M&M Electric Company \$4,373.52 Total-\$6,365.79	Hayes Contractors, Inc. Minneapolis, Mn.
Radiation Therapy & Masonic Tower Mechanical	11	\$1,119,016	\$ 682,000	\$(437,016)	Sarah, Inc. \$35,000	Sarah, Inc. \$39,342.11	Axel Newman Heating & Plumbing Company St. Paul, Mn.
Radiation Therapy & Masonic Tower Architectural	12	\$ 444,233	\$ 468,440	\$+ 24,207	TCM Construction \$25,840		Knutson Construction Minneapolis, Mn.
Drilled Piers	13	\$ 117,450	\$ 271,991	\$+154,541	Allied Steel & Engineering \$9,100 Infield Welding \$4,825.00		Layne Minnesota Company Minneapolis, Mn.
Structural Steel	14	\$5,720,738	\$4,600,000	\$(1,120,738)	S.L.K. Construc. Co., Inc. \$242,950.00	S.L.K. Construc. Co., Inc. \$485,389.00	L.L. LeJeune Co. Minneapolis, Mn.

UNIVERSITY HOSPITALS RENEWAL PROJECT

CONTRACT AWARD SUMMARY

DESCRIPTION	BID PACK #	ESTIMATE	LOW BID	VARIANCE	S.E.D. FIRMS	MINORITY FIRMS	CONTRACTOR
Foundations and Concrete	15	\$4,142,700	\$3,529,700	\$ (613,000)	Allied Steel \$56,500 E-Con Placer \$65,000 Infield Welding \$165,000 Battle Electric \$ 4,797 Bay Mills Construction & Supply \$ 15,600 Thermal & Moisture Protection \$ 95,000		Lovering Associates, Inc. St. Paul, Mn.
Elevators	16	\$1,591,451	\$1,610,000	\$ + 18,549			Gust Lagerquist & Sons, Inc. Minneapolis, Mn.
Construction Hoisting	17	\$ 150,108	\$ 129,344	\$ (20,764)	Infield Welding \$ 22,500		Advance Equipment Company Minneapolis, Mn.
Building enclosure	18	\$5,375,243	\$5,061,600	\$ (313,643)	Quality Materials, Inc. \$91,000 Battle Crane Service \$30,000 Infield Welding \$20,000 So. Side Plumbing & Heating \$125,000		Lovering Associates, Inc. St. Paul, Mn.

UNIVERSITY HOSPITALS RENEWAL PROJECT

CONTRACT AWARD SUMMARY

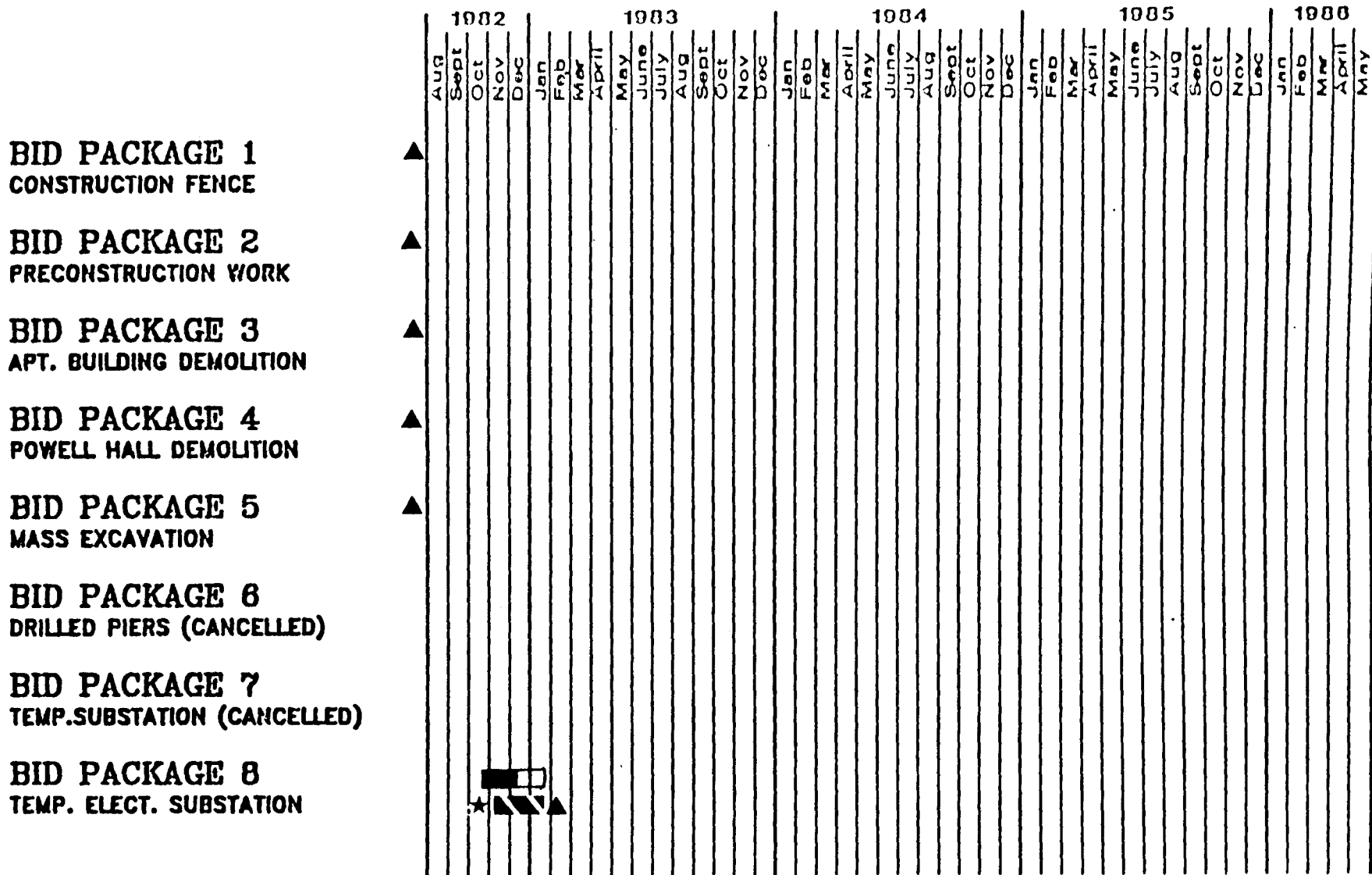
DESCRIPTION	BID PACK #	ESTIMATE	LOW BID	VARIANCE	S.E.D. FIRMS	MINORITY FIRMS	CONTRACTOR
Structural Studs, Insulation, Drywall & Plaster	19	\$ 4,754,374	\$4,289,310	\$ (465,064)	Reyes Drywall System \$215,000		Olympic Wall Systems Minnetonka, Mn.
Interior General Construction	20	\$ 5,087,767	\$4,708,500	\$ (379,267)	Lance Service, Inc. \$53,000 T.C.M. Construction \$262,500	Allied Steel & Engineering \$800.00 S.L.K. \$97,544.00	Knutson Construction Minneapolis, Mn.
Acoustical Ceilings	21	\$ 598,065	\$ 497,720	\$ (127,231)	Glanton Construction \$25,000		Acoustics Associates Minneapolis, Mn.
Quarry Tile, Ceramic Tile, Terrazzo & Epoxy Flooring	22	\$ 654,411	\$ 652,365	\$ (2,046)	H.E.R. Construction Svcs Inc., \$326,000	H.E.R. Construction Svcs Inc., \$326,365	Grazzini Brothers & Co. Bloomington, Mn.
Resilient Flooring & Carpet	23	\$ 513,379	\$ 497,050	\$ (18,329)	F.S. Foster & Assoc., Inc. \$26,000.00		Architectural Sales of Minnesota, Inc. New Hope, Mn.
Paint & Wall Finishes	24	\$ 677,873	\$ 355,506	\$(322,367)		TCM Construction Company \$17,775.00	Julius B. Nelson & Son, Inc. Minneapolis, Mn.
Kitchen Equipment	25	\$ 922,159	\$1,236,450	\$ 314,291	Lang Custom Metals \$65,898.00		Aslesen's Minneapolis, Mn.
Pneumatic Tube System (PTS)	26	\$ 500,000	\$ 441,000	\$ (59,000)	Wilson Electric \$22,200.00		Quantum Industries, Inc. Santa Rosa, Ca.
Material Transport System (MTS)	27	\$1,500,000	\$1,350,000	\$ (150,000)	Wilson Electric \$55,000.00		Mosler-An American Standard Company Wayne, New Jersey

UNIVERSITY HOSPITALS RENEWAL PROJECT

CONTRACT AWARD SUMMARY

DESCRIPTION	BID PACK #	ESTIMATE	LOW BID	VARIANCE	S.E.D. FIRMS	MINORITY FIRMS	CONTRACTOR
Plumbing, Medical Gas	28	\$4,074,994	\$4,125,000	\$ 50,006	Sarah Incorporated \$ 88,500.00 Ed Anderson Insulation \$ 241,200.00		Harris Mechanical St. Paul, Mn.
H.V.A.C.	29	\$13,442,531	\$9,083,000	\$(4,359,531)	A-1 Excavating, Inc. \$260,082.00 R&S Heating & A/C, Inc. \$195,595.97	Ed Lacy, Inc. \$293,807.00 Environmental Systematics \$353,571.00	Axel Newman Heating & Plumbing St. Paul, Mn.
Fire Protection Sprinklers	30	\$ 966,885	\$ 706,716	\$(260,169)		Sarah Contracting, Inc. \$70,000	Carlson Auto Fire Protection Co. St. Paul, Mn.
Building Automation	31	\$ 3,400,000	\$2,526,336	\$(873,664)	Tim's Electric, Inc. \$ 40,000.00 Ed Barber Electric Supply, Inc. \$ 86,350.00		Minneapolis Honeywell, Inc. Mpls., Mn.
Electric & Temporary Electric	32	\$ 9,787,301	\$6,392,800	\$(3,394,501)	Wilson Electric		Commonwealth Electric, Mpls., Mn.

UNIVERSITY OF MINNESOTA HOSPITALS AND CLINICS UNIT J CONSTRUCTION SCHEDULE



<ul style="list-style-type: none"> Construction Schedule Work in Progress Schedule Revision 	<ul style="list-style-type: none"> ★ Contract Awarded ▲ Work Completed
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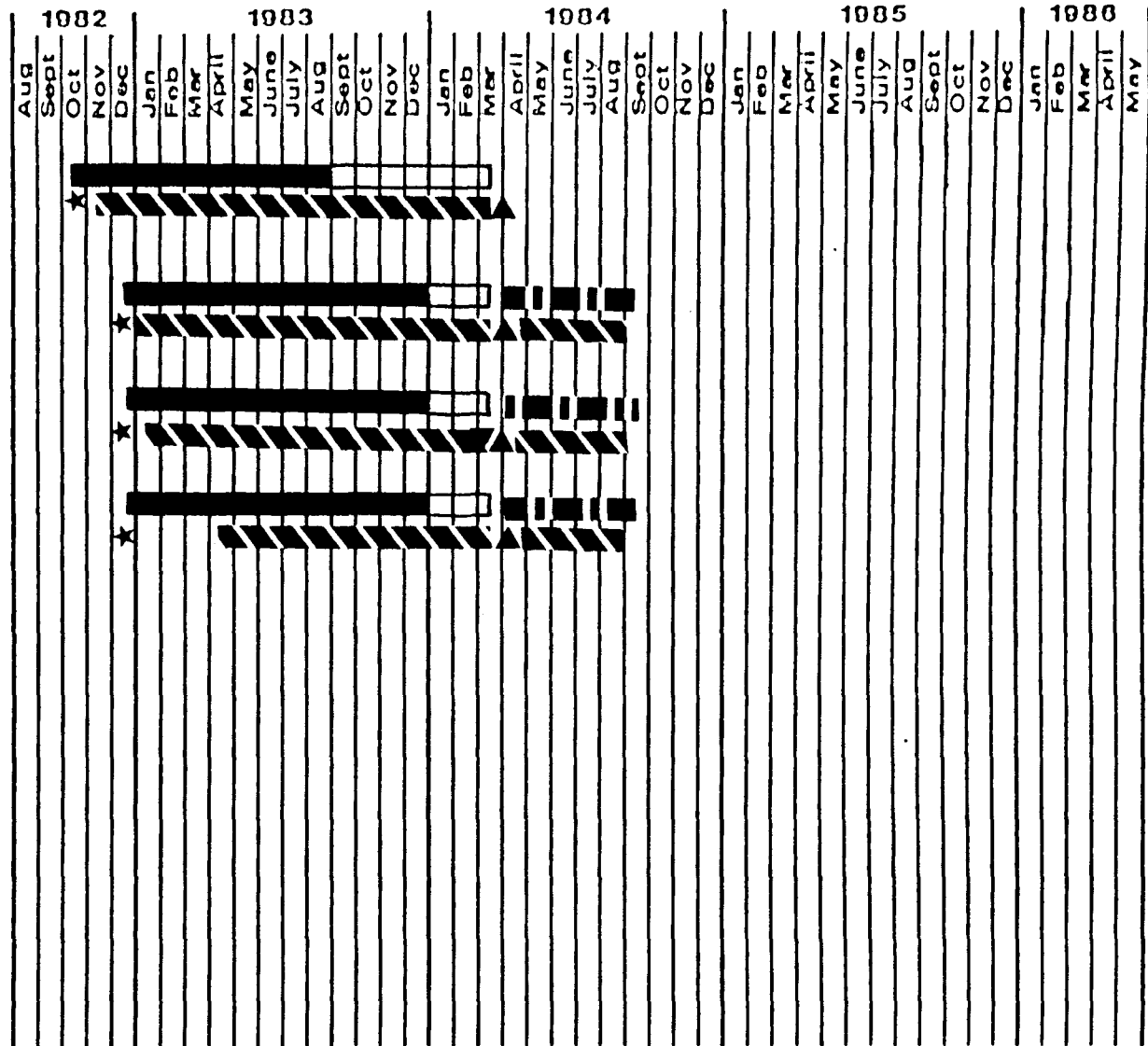
UNIVERSITY OF MINNESOTA HOSPITALS AND CLINICS RADIATION THERAPY CONSTRUCTION SCHEDULE

BID PACKAGE 9
STRUCTURE, BLDG. ENCLOSURE

BID PACKAGE 10
ELECTRICAL WORK

BID PACKAGE 11
MECHANICAL WORK

BID PACKAGE 12
INTERIOR CONSTRUCTION



■ Construction Schedule

▨ Work in Progress

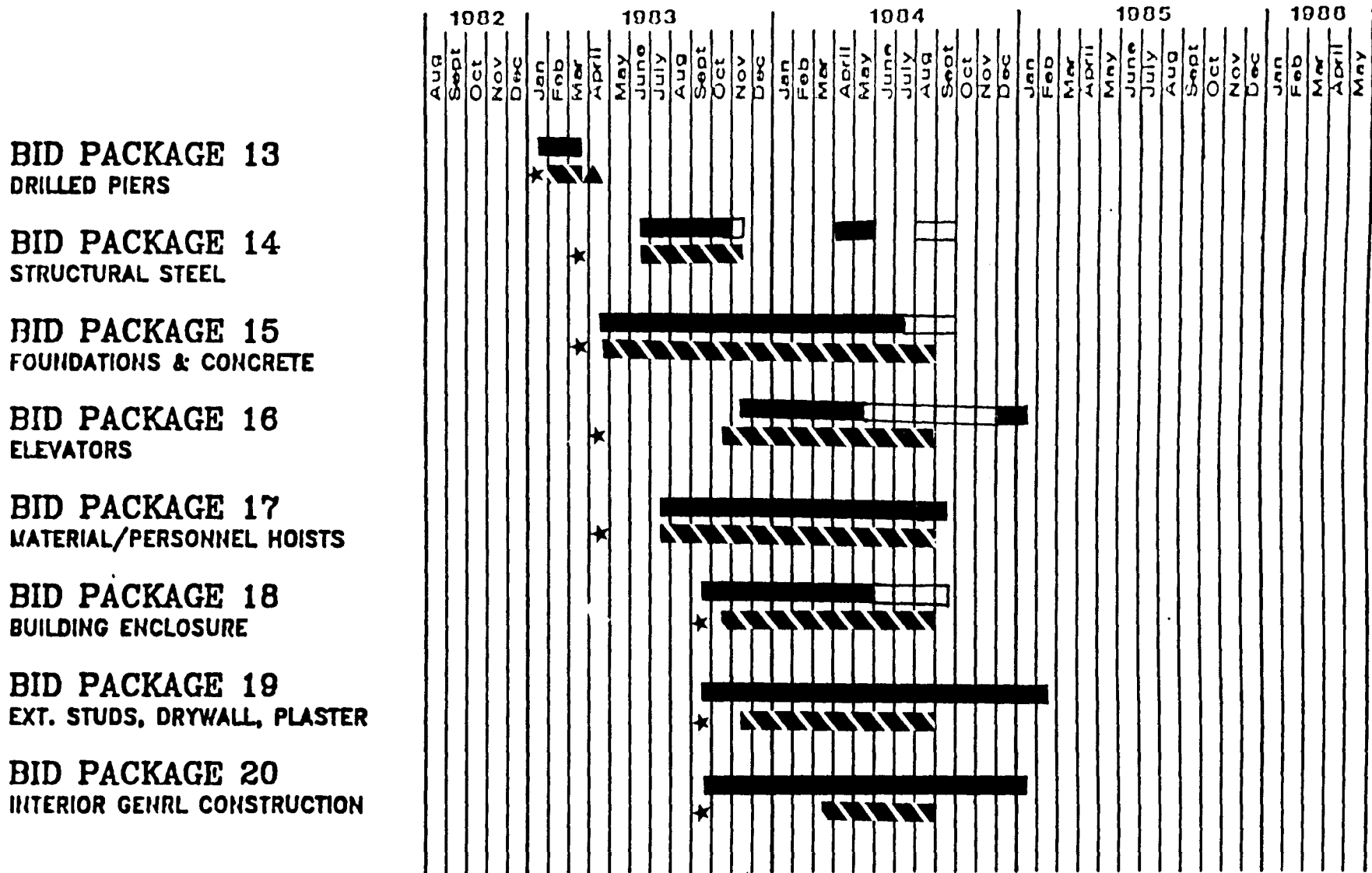
□ Schedule Revision

★ Contract Awarded

▲ Work Completed

▣ MRI Construction Schedule

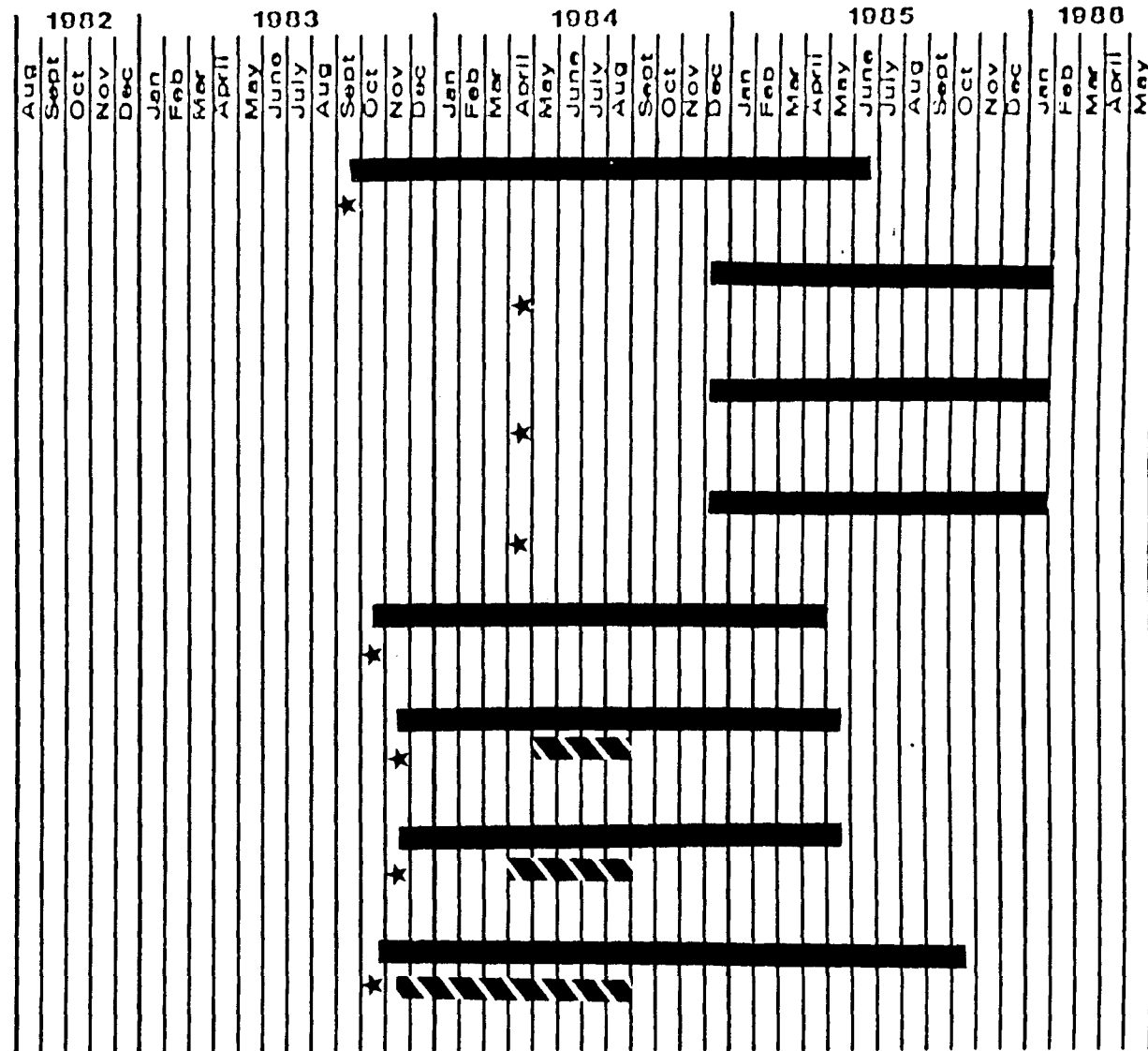
UNIVERSITY OF MINNESOTA HOSPITALS AND CLINICS UNIT J CONSTRUCTION SCHEDULE



Construction Schedule
 Work in Progress
 Schedule Revision
 ★ Contract Awarded
▲ Work Completed

UNIVERSITY OF MINNESOTA HOSPITALS AND CLINICS UNIT J CONSTRUCTION SCHEDULE

- BID PACKAGE 21**
ACOUSTICAL CEILINGS
- BID PACKAGE 22**
TILE, TERRAZZO, EPOXY FLOORS
- BID PACKAGE 23**
VINYL FLOORING, CARPET
- BID PACKAGE 24**
PAINT, VINYL FABRIC
- BID PACKAGE 25**
KITCHEN EQUIPMENT
- BID PACKAGE 26**
PNEUMATIC TUBE SYSTEM
- BID PACKAGE 27**
MATERIALS TRANSPORT SYSTEM
- BID PACKAGE 28**
PLUMBING, MEDICAL GASES



- Construction Schedule
- Contract Awarded
- Work in Progress
- Work Completed
- Schedule Revision

UNIVERSITY OF MINNESOTA HOSPITALS AND CLINICS UNIT J CONSTRUCTION SCHEDULE

BID PACKAGE 29
HEAT, VENT, AIR CONDITIONING

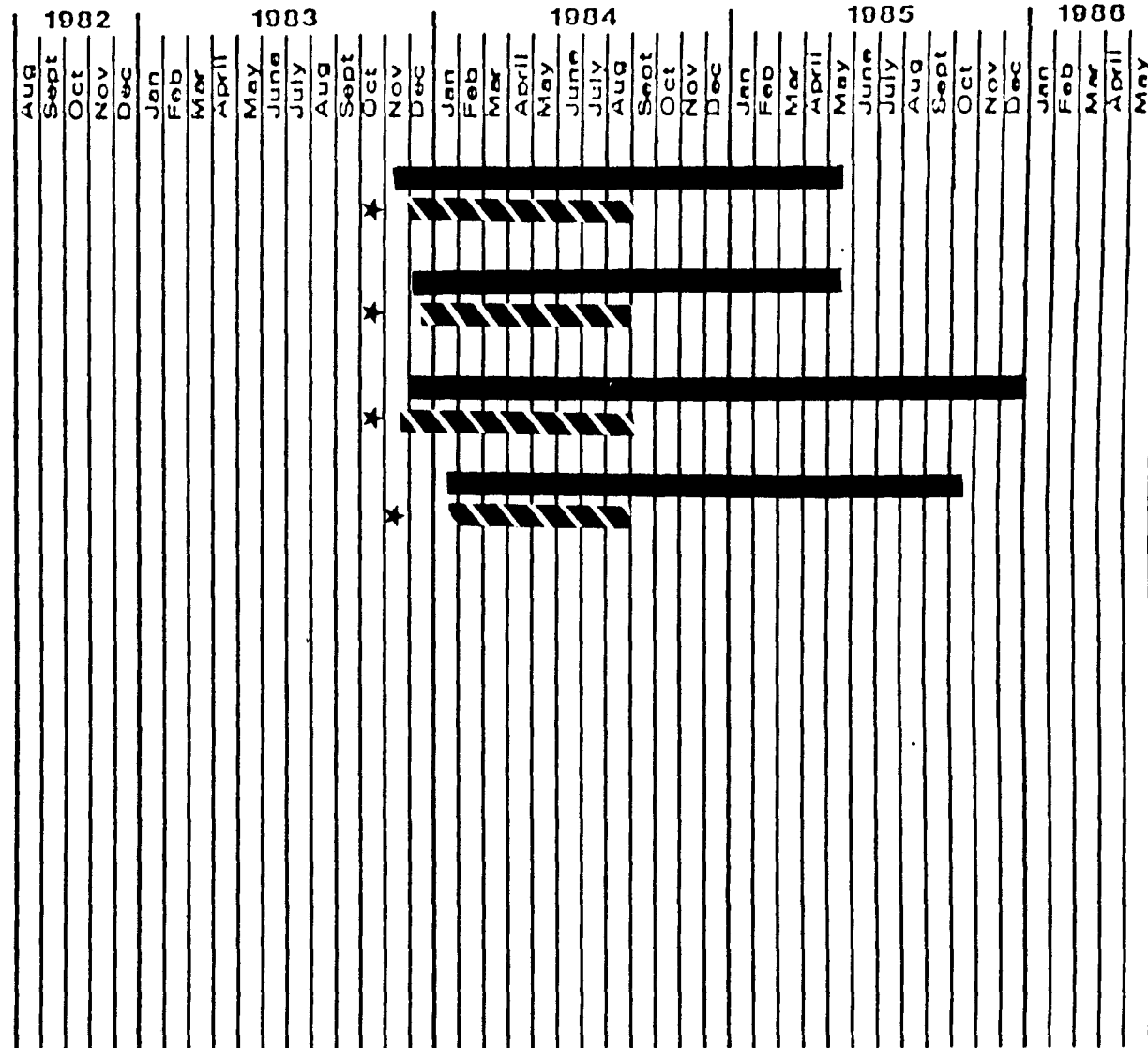
BID PACKAGE 30
FIRE PROTECTION SYSTEM

BID PACKAGE 31
BUILDING AUTOMATION SYSTEM

BID PACKAGE 32
ELECTRICAL

BID PACKAGE 33
SITEWORK

BID PACKAGE 34
FINAL CLEAN UP



Construction Schedule
 Work in Progress
 Schedule Revision

Contract Awarded
 Work Completed

UNIVERSITY HOSPITALS RENEWAL PROJECT

CONSTRUCTION PROGRESS REPORT

Bid Package #1-9

Contract Awards	\$3,483,853.00	
Total Cost	\$3,555,544.00	100% Complete

- Bid Package #1 - Project Fence.
- Bid Package #2 - Modifications to K/E Unit, Mayo Unit, Masonic Memorial Hospital, Diehl Hall and Site Work to accommodate new construction.
- Bid Package #3 - Demolition and removal of apartment building.
- Bid Package #4 - Implosion of Powell Hall and adjustments at interface points.
- Bid Package #5 - Mass excavation, sheeting and shoring, removal and modification of site utilities.
- Bid Package #6 - Drilled Piers - (Cancelled).
- Bid Package #7 - Temporary Electrical Sub-station - (Cancelled).
- Bid Package #8 - Temporary Electrical Sub-station installation.
- Bid Package #9 - Radiation Therapy - Civil & Structural.

Bid Package #10 - Radiation Therapy - Electrical Contractor

Contractor: Hayes Electrical Division, Minneapolis, Minnesota

Contract Award	\$308,666.00	Cost To Date	\$467,791.00 (R.T.)
Net Changes	159,125.00	99% Complete	
NMR	138,592.00	Cost To Date	\$118,535.00 (NMR)
Total	606,383.00	85% Complete	

Scope of Work Electrical installation for Radiation Therapy.

The work under Bid Package #10 is complete except for changes that the Owner has requested. Final inspection has been completed and Certificate of Substantial Completion issued.

NMR electrical work is proceeding. The work has been delayed by the installation of the magnet.

Bid Package #11 - Radiation Therapy - Heating and Plumbing

Contractor: Axel Newman Heating and Plumbing Co., Minneapolis, Minnesota

Contract Award	\$682,000.00	Cost To Date	\$766,604.00 (R.T.)
Net Changes	84,604.00	99% Complete	
NMR	290,441.00	Cost To Date	\$266,476.00 (NMR)
Total	\$1,057,045.00	92% Complete	

Scope of Work Heating and plumbing for Radiation Therapy.

Operating manuals and required documentation has been submitted to Hospital Facilities Office. NMR work is continuing, but has been delayed by the installation of the magnet.

Bid Package #12 - Radiation Therapy - Architectural and Specialties

Contractor: Knutson Construction Company, Minneapolis, Minnesota

Contract Award	\$468,440.00	Cost To Date	\$620,831.00
Net Changes	173,290.00	99% Complete	
NMR	412,061.00	Cost To Date	\$228,692.00 (NMR)
Total	\$1,053,791.00	55% Complete	

Scope of Work Furnish and install interior finishes and specialty architectural items within Radiation Therapy.

NMR work is continuing, but has been delayed by the installation of the magnet.

Bid Package #13 - Drilled Piers (Main Structure)

Contractor: Layne Minnesota, Minneapolis, Minnesota

Contract Award	\$271,991.00	Cost To Date	\$276,228.00
Net Changes	4,237.00	100% Complete	
Total Cost	\$276,228.00		

The work is complete. Contract is closed.

Bid Package #14 - Structural Steel (Main Structure)

Contractor: L.L. LeJeune Steel, Minneapolis, Minnesota

Contract Award	\$4,600,000.00	Cost To Date	\$4,705,685.00
Net Changes	154,121.00	99.1% Complete	
Total Cost	\$4,754,121.00		

Scope of Work Furnish, fabricate and erect all structural steel and metal deck for the project.

Remaining work at the Northwest corner of Unit J is scheduled. Fabrication is underway for remaining steel.

Bid Package #15 - Foundation and Concrete (Main Structure)

Contractor: Lovering Associates, Incorporated, Minneapolis, Minnesota

Contract Award	\$3,561,700.00	Cost To Date	\$3,853,090.00
Net Changes	517,341.00	94% Complete	
Total Cost	\$4,079,041.00		

Scope of Work To furnish materials and labor to install foundations and concrete remaining for Unit J. Includes drilled piers, pile caps, grade beams, reinforcing steel, concrete, forms, slabs on grade and concrete slabs on deck, ramps, excavation, backfill and renovations at K/E building.

The work under Bid Package #15 is substantially complete. Work remaining is the installation of the planters on the north elevation. Fireproofing is now complete, except for miscellaneous patching. Demolition in existing structures is scheduled.

Bid Package #16 - Elevators

Contractor: Gust. Lagerquist & Sons, Inc., Minneapolis, Minnesota

Contract Award	\$1,610,000.00	Cost To Date	\$1,561,643.00
Net Changes	253,022.00	84% Complete	
Total Cost	1,863,022.00		

Scope of Work Furnish and install all elevators and lifts in Unit J.

The installation of cars #15, #16, and #17 is complete. Elevators #3, #4, #5, #7, #8, #9, #10, #11, #13 and #14 are substantially complete. Elevators #6 and #12, which are to be installed under a Change Order, are scheduled to be delivered during November, 1984.

Bid Package #17 - Material/Personnel Hoists

Contractor: Advance Equipment Company, Minneapolis, Minnesota

Contract Award	\$129,344.00	Cost To Date	\$104,513.00
Net Changes	-0-	81% Complete	
Total Cost	\$129,344.00		

Removed material hoist from inside of Unit J and are now using elevator #15 and #17 as temporary hoists.

Bid Package #18 - Building Enclosure

Contractor: Lovering Associates, Incorporated, St. Paul, Minnesota

Contract Award	\$5,170,600.00	Cost To Date	\$3,626,805.00
Net Changes	107,233.00	68% Complete	
Total Cost	\$5,277,833.00		

Scope of Work Building Enclosure.

Roofing is now 99% complete, with testing remaining. Block walls are being installed as needed by other trade contractors. Window installation is now substantially complete. Roof parapet and window sill precast is substantially complete. Roof parapet and window sill precast is substantially complete. Brick is now substantially complete. Brick washing is complete on both north and south elevations. Caulking is taking place on the north, east and south elevations. Louver installation is also complete on Eighth Floor.

Bid Package #19 - Structural Studs

Contractor: Olympic Wall Systems, Minnetonka, Minnesota

Contract Award	\$4,302,110.00	Cost To Date	\$1,951,219.00
Net Changes	125,424.00	44% Complete	
Total Cost	\$4,427,534.00		

Scope of Work Structural Studs, Insulation, Drywall and Plaster.

The work is doing very well. The installation of the exterior studs is now substantially complete. The closing up of mechanical shafts is 95% complete on all floors. 95% of the electrical rooms on all floors have been studded, rocked, taped and sanded. Interior studs on Level 4C is 99% complete. The installation of plastered soffits is 85% complete. Interior studs are also being installed on Level One and Four.

Bid Package #20 - Interior General Construction

Contractor: Knutson Construction Company, Minneapolis, Minnesota

Contract Award	\$4,719,875.00	Cost To Date	\$295,055.00
Net Changes	228,428.00	6% Complete	
Total Cost	\$4,948,303.00		

Scope of Work Interior General Construction.

Door frames are being installed on Level One, Basement and Level Four. Level One and Four door frame delivery remains behind schedule. If this delivery problem is not corrected immediately, it could cause severe schedule problems with other contractors.

Bid Package #21 - Acoustical Ceiling

Contractor: Acoustic Associates, Minneapolis, Minnesota

Contract Award	\$499,220.00	Cost To Date	\$1,872.00
Net Changes	2,498.00	1% Complete	
Total Cost	\$501,718.00		

Scope of Work Acoustical Ceilings.

Submittal process and shop drawings are complete.

Bid Package #22 - Quarry Tile, Ceramic Tile Terrazzo and Epoxy Flooring

Contractor: Grazzini Brothers and Company, Minneapolis, Minnesota

Contract Award	\$652,365.00	Cost To Date	\$4,550.00
Net Changes	-0-	1% Complete	
Total Cost	\$652,365.00		

This Trade Contractor is proceeding with submittal requirements.

Bid Package #23 - Resilient Flooring and Carpet

Contractor: Architectural Sales of Minnesota, Minneapolis, Minnesota

Contract Award	\$497,050.00	Cost To Date	\$ -0-
Net Changes	-0-	0% Complete	
Total Cost	\$497,050.00		

This trade contractor is proceeding with submittal requirements.

Bid Package #24 - Paint and Wall Finishes

Contractor: Julius B. Nelson and Son, Inc., Minneapolis, Minnesota

Contract Award	\$355,506.00	Cost To Date	\$4,266.00
Net Changes	-0-	1% Complete	
Total Cost	\$355,506.00		

This trade contractor is proceeding with submittal requirements.

Bid Package #25 - Food Service Equipment

Contractor: Aslesen Company, Minneapolis, Minnesota

Contract Award	\$1,236,450.00	Cost To Date	\$ -0-
Net Changes	-0-	0% Complete	
Total Cost	\$1,236,450.00		

Scope of Work Food Service Equipment

Shop drawings have been submitted and approved for equipment on Level One. Level Eight shop drawings have also been submitted and approved. Installation of inwall supports on Level One has started.

Bid Package #26 - Pneumatic Tube System

Contractor: Quantum Industries, Incorporated, Santa Rosa, California

Contract Award	\$526,200.00	Cost To Date	\$183,758.00
Net Changes	-0-	35% Complete	
Total Cost	\$526,200.00		

Scope of Work Furnish and install Pneumatic Tube System.

The Pneumatic Tube System is being installed on several floors and remains well ahead of schedule.

Bid Package #27 - Material Transport System

Contractor: Mosler Systems Division, Wayne, New Jersey

Contract Award	\$1,105,932.00	Cost To Date	\$282,265.00
Net Changes	-0-	26% Complete	
Total Cost	\$1,105,932.00		

Scope of Work Furnish and install Material Transport System.

The installation of the Material Transport System is going very well and is ahead of schedule.

Bid Package #28 - Plumbing and Medical Gases

Contractor: Harris Mechanical Contracting, St. Paul, Minnesota

Contract Award	\$4,125,950.00	Cost To Date	\$2,543,546.00
Net Changes	105,537.00	60% Complete	
NMR	1,752.00		
Total Cost	\$4,233,239.00		

Scope of Work Furnish and Install Plumbing and Medical Gases

The work under this Bid Package has picked up pace and is going very well. The waste and vent system is now complete from Basement through Level Six, ahead of schedule. Acid waste piping is substantially complete from Basement through Level Six. Water mains and branches are substantially complete on Levels One and Four "C". Water piping is now being installed on Levels Two and Four. Med gas is substantially complete on Level Four, Area C and is also being installed on Levels Two and Four.

Bid Package #29 - Heating, Ventilation and Air Conditioning

Contractor: Axel Newman Heating and Plumbing Company, St. Paul, Minnesota

Contract Award	\$9,105,400.00	Cost To Date	\$5,271,197.00
Net Changes	111,469.00	57% Complete	
Total Cost	\$9,216,869.00		

The work under this bid package is doing very well and is ahead of schedule. Duct work is now 80% complete in Basement, 100% on Level Two, 100% on Level Four, 90% on Level Five, Area C, 25% on Level Six, Area C, 15% on Level Eight Area A&B. Heating and cooling piping is now 80% in Basement, 100% on Level One, 100% on Level Two, 100% on Level Four, 100% on Level Five and 60% on Level Six. Duct and pipe insulation is following right behind the above mentioned activities. The installation of the cooling tower is complete.

Bid Package #30 - Fire Protection System

Contractor: Carlson Automatic Fire Protection, Burnsville, Minnesota

Contract Award	\$706,941.00	Cost To Date	\$260,243.00(Unit J)
Net Changes	1,960.00	37% Complete	
NMR	25,535.00	Cost To Date	\$ 13,567.00(NMR)
Total Cost	\$734,436.00	53% Complete	

Fire Protection System is now 100% at Basement, 100% on Level Four, Area C, 100% on Level Eight, Area A&B, 25% on Level Four, Area A&B and 35% on Level Eight, Area C. Stand pipes are now being tested.

Bid Package #31 - Building Automation System

Contractor: Honeywell Incorporated, Edina, Minnesota

Contract Award	\$2,526,336.00	Cost To Date	\$240,805.00
Net Changes	-0-	10% Complete	
Total Cost	\$2,526,336.00		

Hoffman Electric is installing conduit for Honeywell as needed.

Bid Package #32 - Electrical

Contractor: Commonwealth Electric Company, Minneapolis, Minnesota

Contract Award	\$6,413,400.00	Cost To Date	\$2,033,902.00
Net Changes	31,679.00	31% Complete	
Total Cost	\$6,445,079.00		

Scope of Work Unit J Electrical Work.

The work under this bid package is progressing very well. Electrical rooms on all floors are now 90% complete. The installation of inwall conduit is taking place on Levels One and Four. The emergency generators are now in place.

Bid Package #33 - Sitework (sidewalk pavers, bike racks, driveways, planters), finish grading, removal of site fence, patch asphalt.

Bid Package #34 - Final clean up.

UNIVERSITY HOSPITAL RENEWAL PROJECTPROJECT BUDGET

<u>CERTIFIED CONSTRUCTION PRICE</u>	<u>ORIGINAL BUDGET</u>	<u>REVISIONS TO BUDGET</u>	<u>CURRENT BUDGET</u>
Building Costs	\$ 69,671,681	\$ 3,333,855	\$ 73,005,536
Construction Manager General Conditions	5,561,780	(1,303,696)	4,258,084
General Manager Contingency	5,269,250	(89,675)	5,179,575
Construction Manager Non-Building Costs	1,444,050	(388,000)	1,056,050
Construction Manager Reimbursables	788,230	92,652	880,882
Contracted Radiation Therapy Work	1,971,800	(1,971,800)	0
Construction Manager Fee/Personnel Expense	7,460,000	258,328	7,718,328
Construction Manager Bond	525,000	0	525,000
Revisions to Bid Packages	0	1,812,444	1,812,444
 	<hr/>	<hr/>	<hr/>
TOTAL CERTIFIED CONSTRUCTION PRICE	\$ 92,691,791	\$ 1,744,108	\$ 94,435,899
<u>NON-BUILDING COSTS</u>			
Owner's Contingency	\$ 2,257,004	\$ (1,744,108)	\$ 512,896
Site Work	2,139,764		2,139,764
Architect/Engineering Fee	7,260,327		7,260,327
Owner Consultants	1,938,539		1,938,539
Insurance, Fees, Permits, Expenses	2,535,336	150,000	2,685,336
Communication Systems	1,000,000		1,000,000
Moveable Equipment & Furniture	13,250,000		13,250,000
Remodeling Costs	1,677,000		1,677,000
Prior Construction Manager Fee	500,000	(150,000)	350,000
Prior Worker's Compensation	52,805		52,805
 	<hr/>	<hr/>	<hr/>
TOTAL NON-BUILDING COST	\$ 32,610,775	\$ (1,744,108)	\$ 30,866,667
TOTAL PROJECT BUDGET	\$ 125,302,566	0	\$ 125,302,566
	=====	=====	=====

UNIVERSITY HOSPITALS RENEWAL PROJECT II
BUDGET DISTRIBUTION REPORT *

PAGE I

BUDGET ITEM	ORIGINAL CCP	REVISIONS	REVISED CCP	B.P. # 1-5	B.P. #8	B.P. #9	B.P. #10	B.P. #11	B.P. #12
Excavation	1,437,615		1,437,615	935,000					
Foundations	930,237		930,237						
Structure	0,410,710	2,608	8,413,318						
Exterior	5,761,165	(136,606)	5,624,559						
Moisture Protection	614,395	10,970	625,365						
Carpentry	317,745		317,745						21,225
Misc. Metals	871,650		871,650						10,000
Int. Subdivision	6,416,114	(94,732)	6,321,382						239,157
Finishes	3,033,337	(181,160)	2,852,177						80,645
Equipment	3,572,015	(65,000)	3,507,015						107,410
Conveying Systems	3,429,021	(160,630)	3,268,391						
Plumbing	4,760,760	112,000	4,872,760					288,960	
Fire Protection	1,064,680	(1,150)	1,063,530					66,452	
HVAC	14,965,440	(564,500)	14,400,940					841,390	
Building Automation	2,800,000	600,000	3,400,000						
Electrical	10,067,282		10,067,282				586,018		
Link Connections	276,000		276,000						
Sitework	650,000	57,550	707,550						
Renovations	292,715		292,715	123,665					
General Conditions	5,561,780	94,007	5,655,787	27,753	63,600				
Contingency	5,269,250	(89,675)	5,179,575						
Non-Building	1,444,050		1,444,050	388,000					
Reimbursables	789,230	92,652	881,882						
Bid Package #2	1,971,800		1,971,800			1,971,800			
C.H. Fee & Expenses	7,460,000	258,328	7,718,328						
C.H. Bond	525,000		525,000						
TOTAL BUDGET	92,691,791	(68,336)	92,623,455	1,474,418	60,000	1,971,800	546,884	1,119,009	428,667
Workmans' Comp.	--			-0-	3,600	-0-	39,134	77,793	29,800
Revisions to B.P.'s			1,812,444	---	---	131,360	250,912	362,154	544,711
Revised CCP			94,435,899	1,474,418	60,000	2,103,160	797,796	1,481,163	973,378

*Information obtained from Gilbane-Mortenson
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UNIVERSITY HOSPITALS RENEWAL PROJECT II
BUDGET DISTRIBUTION REPORT *

PAGE II

BUDGET ITEM	ORIGINAL CCP	REVISIONS	REVISED CCP	B.P. #13	B.P. #14	B.P. #15	B.P. #16	B.P. #17	B.P. #18
Excavation	1,437,615		1,437,615	38,000		446,549			
Foundations	930,237		930,237	67,060		843,177			
Structure	8,410,710	2,608	8,413,318		5,772,397	2,605,921			
Exterior	5,761,165	(136,606)	5,624,559						4,299,676
Moisture Protection	614,395	10,970	625,365			60,580			492,789
Carpentry	317,745		317,745						72,966
Wire Metals	871,650		871,650		396,000				45,000
Int. Subdivision	6,416,114	(94,732)	6,321,382						293,931
Finishes	3,003,337	(184,160)	2,819,177						139,882
Equipment	3,572,015	(65,000)	3,507,015						
Conveying Systems	3,429,821	(160,620)	3,269,193				1,637,061		
Plumbing	4,760,760	112,000	4,872,760			91,200			
Fire Protection	1,064,680	(1,150)	1,063,530						
HVAC	14,965,440	(564,500)	14,400,940						
Building Automation	2,899,600	600,000	3,499,600						
Electrical	10,667,282		10,667,282						
Link Connections	276,000		276,000						
Site work	650,000	57,550	707,550			73,261			
Renovations	292,715		292,715			109,050			
General Conditions	5,561,780	94,007	5,655,787	20,000	12,500	123,000	20,700	154,750	10,500
Contingency	5,269,250	(89,675)	5,179,575						
Non-Building	1,444,050		1,444,050						
Reimbursables	788,230	92,652	880,882						
Rid Package #9	1,971,000		1,971,000						
C.H. Fee & Expenses	7,460,000	258,328	7,718,328						
C.H. Bond	525,000		525,000						
TOTAL BUDGET	92,691,791	(68,336)	92,623,455	117,450	5,717,330	4,142,700	1,591,451	150,108	5,133,135
Workmans' Comp.	--			7,810	463,567	218,038	66,310	4,642	221,609
Revisions to B.P.'s			1,812,444	69,257	145,311	360,324	248,623	52,297	208,865
Revised CCP			94,435,899	186,707	5,862,641	4,503,024	1,840,074	202,405	5,342,000

*Information obtained from Gilbane-Mortenson
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UNIVERSITY HOSPITALS RENEWAL PROJECT II
BUDGET DISTRIBUTION REPORT*

PAGE III

BUDGET ITEM	ORIGINAL CCP	REVISIONS	REVISED CCP	B.P. #19	B.P. #20	B.P. #21	B.P. #22	B.P. #23	B.P. #24
Excavation	1,437,615		1,437,615						
Foundations	930,237		930,237						
Structure	8,410,710	2,608	8,413,318						
Exterior	5,761,165	(136,606)	5,624,559	1,310,226	14,657				
Moisture Protection	614,395	10,970	625,365						
Carpentry	347,715		347,715	12,023	219,933				
Misc. Metals	871,650		871,650	20,000	323,800				
Int. Subdivision	6,416,114	(94,732)	6,321,382	3,406,112	2,163,337				138,845
Finishes	3,603,337	(184,160)	3,419,177	320,248		638,999	624,178	486,852	517,273
Equipment	3,572,015	(65,000)	3,507,015		2,147,260				
Conveying Systems	3,429,821	(160,620)	3,269,193						
Plumbing	4,760,760	112,000	4,872,760						
Fire Protection	1,064,680	(1,150)	1,063,530						
HVAC	14,265,440	(564,500)	14,400,940						
Building Automation	2,800,000	600,000	3,400,000						
Electrical	10,667,282		10,667,282						
Link Connections	276,000		276,000						
Sitework	650,000	57,550	707,550						
Renovations	292,715		292,715						
General Conditions	5,561,780	94,007	5,655,787	35,000	127,000	15,000	57,500	50,000	50,000
Contingency	5,269,250	(89,675)	5,179,575						
Non-Building	1,444,050		1,444,050						
Reimbursables	769,230	92,652	861,882						
Bid Package #2	1,971,800		1,971,800						
C.H. Fee & Expenses	7,460,000	258,328	7,718,328						
C.H. Bond	525,000		525,000						
TOTAL BUDGET	92,691,791	(68,336)	92,623,455	4,906,427	4,790,219	624,951	654,411	515,379	677,873
Workmans' Corp.	--			197,982	205,768	29,048	27,267	21,473	28,245
Revisions to B.P.'s			1,812,444	(124,421)	214,803	(22,888)			
Revised CCP			94,435,899	4,862,006	5,005,022	602,063	654,411	515,379	677,873

*Information obtained from Gilbane-Mortenson
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UNIVERSITY HOSPITALS RENEWAL PROJECT II

BUDGET DISTRIBUTION REPORT*

PAGE IV

BUDGET ITEM	ORIGINAL CCP	REVISIONS	REVISED CCP	B.P. #25	B.P. #26	B.P. #27	B.P. #28	B.P. #29	B.P. #30
Excavation	1,437,615		1,437,615						
Foundations	930,237		930,237						
Structure	8,410,710	2,608	8,413,318						
Exterior	5,761,165	(136,606)	5,624,559						
Moisture Protection	614,395	10,970	625,365						
Carpentry	317,745		317,745				14,595		
Misc. Metals	871,650		871,650					20,000	
Int. Subdivision	6,416,114	(94,732)	6,321,382						
Finishes	3,003,337	(184,160)	2,819,177						
Equipment	3,572,015	(65,000)	3,507,015	920,159			128,330		
Conveying Systems	3,429,821	(160,620)	3,269,191		526,200	1,105,932			
Plumbing	4,760,760	112,000	4,872,760				4,000,080		
Fire Protection	1,064,680	(1,150)	1,063,530						997,071
HVAC	14,965,440	(564,500)	14,400,940					13,559,550	
Building Automation	2,800,000	600,000	3,400,000						
Electrical	10,067,282		10,067,282						
Link Connections	276,000		276,000						
Sitework	650,000	57,550	707,550						
Renovations	292,715		292,715						
General Conditions	5,561,780	94,007	5,655,787	2,000			71,000	420,000	10,000
Contingency	5,269,250	(89,675)	5,179,575						
Non-Building	1,414,050		1,414,050						
Reimbursables	788,230	92,652	880,882						
Bid Package #9	1,971,800		1,971,800						
C.H. Fee & Expenses	7,460,000	258,328	7,718,328						
C.H. Bond	525,000		525,000						
TOTAL BUDGET	92,691,791	(68,336)	92,623,455	880,453	526,200	1,105,932	4,074,994	13,442,531	966,805
Workmans' Corp.	--			41,706	-0-	-0-	139,011	557,019	40,193
Revisions to B.P.'s			1,812,444	80,775	---	---	90,724	74,415	28,108
Revised CCP			94,435,899	1,002,934	526,200	1,105,932	4,165,718	12,516,946	994,993

Information obtained from Gilbane-Mortenson
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UNIVERSITY HOSPITALS RENEWAL PROJECT II
BUDGET DISTRIBUTION REPORT *

PAGE V

BUDGET ITEM	ORIGINAL CCP	REVISIONS	REVISED CCP	B.P. #31	B.P. #32	B.P.	B.P.	B.P.	BUDGET REMAINING
Excavation	1,437,615		1,437,615						18,066
Foundations	930,237		930,237						20,000
Structure	8,410,710	2,608	8,413,318						35,000
Exterior	5,761,165	(136,606)	5,624,559						-0-
Moisture Protection	614,395	10,970	625,365						63,996
Carpentry	347,745		347,745						6,201
Iron, Metals	871,650		871,650						56,050
Int. Subdivision	6,316,114	(24,732)	6,291,382						-0-
Finishes	3,003,337	(184,160)	2,819,177						11,100
Equipment	3,572,015	(65,000)	3,507,015		83,335				120,491
Conveying Systems	3,429,821	(160,628)	3,269,193						-0-
Plumbing	4,760,760	112,000	4,872,760		385,000				107,520
Fire Protection	1,064,603	(1,150)	1,063,453						-0-
HVAC	14,955,440	(564,500)	14,400,940						-0-
Building Automation	2,800,030	600,000	3,400,030	3,400,000					-0-
Electrical	10,057,382		10,057,382		9,385,491				95,771
Link Connections	276,000		276,000						276,000
Sitework	650,000	57,550	707,550						634,200
Renovations	292,715		292,715						60,000
General Conditions	5,561,780	94,007	5,655,787		127,400				4,258,084
Contingency	5,269,250	(82,625)	5,186,625						5,171,575
Non-building	1,444,050		1,444,050						1,056,050
Reimbursables	788,230	92,652	880,882						880,882
Old Package #2	1,971,800		1,971,800						-0-
C.M. Fee & Expenses	7,460,600	258,328	7,718,928						7,718,328
C.M. Bond	525,000		525,000						525,000
TOTAL BUDGET	92,691,791	(68,336)	92,623,455	3,400,000	9,579,450				
Workmans' Comp.	--			-0-	401,776				
Revisions to B.P.'s			1,812,444	(873,664)	23,075				21,123,207
Revised CCP			94,435,899	2,526,336	9,602,525				

Information obtained from Gilbane-Mortenson
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FINANCIAL

GILBANE-MORTENSON
 UNIVERSITY OF MINNESOTA
 BUDGET CONTROL REPORT *
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<u>CONTRACTOR</u>	<u>ORIGINAL BUDGET</u>	<u>REVISED BUDGET</u>	<u>GROSS COMPLETED TO DATE</u>	<u>COMMITTED</u>	<u>ESTIMATED TO COMPLETE</u>	<u>PREDICTED FINAL COST</u>	<u>(OVERRUN) UNDERRUN</u>
BP #1 thru #7 Initial Construction Phase I	1,460,887	1,460,887	1,460,887	1,460,887	-0-	1,460,887	-0-
BP #8 - Temp. Elec. Sub. Installation Gombold Elec., Inc.	60,000	60,000	55,036	55,036	-0-	55,036	4,964
BP #9 - Rad. Ther. & Mas. Tower, Civ. Struct. & Bldg. Enc. Arkay Const. Co.	1,971,800	2,062,614	2,039,621	2,039,621	-0-	2,039,621	22,993
BP #10 - Rad. Ther. Masonic Tower-Elec. Hayes Cont., Inc.	546,884	834,211	586,327	606,383	-0-	606,383	227,828
BP #11 - Rad. Ther. Masonic Tower-Mech. Axel Newman Heating & Plumbing Co.	1,119,009	1,485,949	1,033,080	1,057,045	-0-	1,057,045	428,904
BP #12 - Rad. Ther. Masonic Tower-Arch. Knutson Const. Co.	428,667	986,436	849,523	1,053,791	-0-	1,053,791	(67,355)
BP #13 - Drilled Piers Layne Minnesota Co.	117,450	188,118	276,229	276,229	-0-	276,229	(88,111)

*Information obtained from Gilbane-Mortenson
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GILBANE-MORTENSON
UNIVERSITY OF MINNESOTA
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AUGUST 31, 1984

<u>CONTRACTOR</u>	<u>ORIGINAL BUDGET</u>	<u>REVISED BUDGET</u>	<u>GROSS COMPLETED TO DATE</u>	<u>COMMITTED</u>	<u>ESTIMATED TO COMPLETE</u>	<u>PREDICTED FINAL COST</u>	<u>(OVERRUN) UNDERRUN</u>
BP #14 - Unit J Structural Steel L. L. LeJeune Steel	5,717,330	5,905,380	4,705,685	4,754,121	-0-	4,754,121	1,151,259
BP #15 - Foundations and Concrete Lovering Assoc., Inc.	4,142,700	4,711,376	3,853,090	4,079,041	170,000	4,249,041	462,335
BP #16 - Unit J Elevators Gust. Lagerquist & Sons, Inc.	1,591,451	1,844,473	1,561,643	1,863,022	-0-	1,863,022	(18,549)
BP #17 - Unit J Material/Personnel Hoists Advance Equip.Co.	150,108	150,108	104,513	129,344	-0-	129,344	20,764
BP #18 - Building Enclosure Lovering Assoc., Inc.	5,133,135	5,389,006	3,626,805	5,277,833	6,000	5,283,833	105,173
BP #19 - Struct.Studs Insul,Drywall & Plaster Olympic Wall Systems, Inc.	4,986,427	4,917,936	1,951,219	4,427,534	40,000	4,467,534	450,402
BP #20 - Interior General Const. Knutson Const.Co.	4,790,219	5,064,785	295,055	4,948,303	15,000	4,963,303	101,482

*Information obtained from Gilbane-Mortenson
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<u>CONTRACTOR</u>	<u>ORIGINAL BUDGET</u>	<u>REVISED BUDGET</u>	<u>GROSS COMPLETED TO DATE</u>	<u>COMMITTED</u>	<u>ESTIMATED TO COMPLETE</u>	<u>PREDICTED FINAL COST</u>	<u>(OVERRUN) UNDERRUN</u>
BP #21 - Acoustical Ceilings Acoustics Assoc., Inc.	624,951	608,603	1,872	501,718	-0-	501,718	106,885
BP #22 - Quarry Tile, Ceramic Tile, Terrazzo Epoxy Flooring Grazzini Bros. & Co.	654,411	654,411	4,550	652,365	-0-	652,365	2,046
BP #23 - Resilient Flooring, Carpet Architec. Sales of Minn., Inc.	515,379	520,899	-0-	497,050	-0-	497,050	23,849
BP #24 - Paint and Wall Finishes Julius B. Nelson & Son, Inc.	677,873	684,221	4,266	355,506	5,000	360,506	323,715
BP #25 - Food Service Equip. Aslesen Co.	922,159	1,002,934	-0-	1,236,450	-0-	1,236,450	(233,516)
BP #26 - Pneumatic Tube System Quantum Ind., Inc.	526,200	526,200	183,758	526,200	-0-	526,200	-0-
BP #27 - Material Transport System Mosler Systems Div.	1,105,932	1,105,932	282,265	1,105,932	-0-	1,105,932	-0-

*Information obtained from Gilbane-Mortenson
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<u>CONTRACTOR</u>	<u>ORIGINAL BUDGET</u>	<u>REVISED BUDGET</u>	<u>GROSS COMPLETED TO DATE</u>	<u>COMMITTED</u>	<u>ESTIMATED TO COMPLETE</u>	<u>PREDICTED FINAL COST</u>	<u>(OVERRUN) UNDERRUN</u>
BP #28 - Plumbing & Medical Gases Harris Mechanical Contracting Co.	4,074,994	4,186,095	2,543,546	4,233,239	45,000	4,278,239	(92,144)
BP #29 - HVAC Axel Newman Htg. & Plumbing Co.	13,442,531	13,555,315	5,271,197	9,216,869	15,000	9,231,869	4,323,446
BP #30 - Fire Protection System Carlson Auto. Fire Protection Co.	966,885	1,010,848	260,243	734,436	-0-	734,436	276,412
BP #31 - Bldg. Automation System Honeywell Inc.	2,526,336	2,532,606	240,805	2,526,336	-0-	2,526,336	6,270
BP #32 - Electrical Commonwealth Elec.	9,579,450	9,662,348	2,033,902	6,445,079	-0-	6,445,079	3,217,269
Unpurchased		1,024,016	-0-	-0-	1,024,016	1,024,016	-0-
Insurance Workmans' Comp.	2,823,678	2,900,663	533,448	2,900,663	-0-	2,900,663	-0-
General Conditions		4,035,242	251,498	251,498	3,511,801	3,763,299	271,943
Contingency		5,177,912	-0-	5,177,912	-0-	5,177,912	-0-
Non-Bldg. Costs		988,361	190,655	190,655	600,899	791,554	196,807

*Information obtained from Gilbane-Mortenson
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<u>CONTRACTOR</u>	<u>ORIGINAL BUDGET</u>	<u>REVISED BUDGET</u>	<u>GROSS COMPLETED TO DATE</u>	<u>COMMITTED</u>	<u>ESTIMATED TO COMPLETE</u>	<u>PREDICTED FINAL COST</u>	<u>(OVERRUN) UNDERRUN</u>
Reimbursables		917,176	199,294	199,294	402,916	602,210	314,966
Personal & Fee	7,460,000	7,709,537	7,659,032	7,709,537	-0-	7,709,537	-0-
Bond	525,000	525,000	521,075	521,075	6,000	527,075	(2,075)
TOTALS		<u>94,389,598</u>	<u>42,580,119</u>	<u>77,010,004</u>	<u>5,841,632</u>	<u>82,851,636</u>	<u>11,537,962</u>

*Information obtained from Gilbane-Mortenson
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