

April 21, 1975

Subject: Monitoring Report #1
Harley Hospital Auditorium Building M
Flint, Michigan

Project: 75:37

Monitored from Issue #1 dated April 21, 1975 (working day 78 from working day calendar for 75/76)

Target Completion Date: October 11, 1976 (working day 454)

Actions taken:

- Diagrammed project up to close-in
- Evaluated current job status

General Summary

Mr. Allison, Mr. Johnson, Mr. Keentopp, Mr. Johnson and I diagrammed work in the auditorium up to completion of close-in and construction of all interior supported decks and floor slabs on grade. The sequence of floor slab pours is shown on sheets 1 and 2 dated April 21, 1975. A location description of the floor pours is given in the general notes.

Start of work at the auditorium depends upon two or three items. First, the owner must release currently held items. It is expected this can be accomplished within one week or by April 28, 1975 (working day 89). Second, there should be a clarification of the contract reinforcing steel provision. This is expected to be resolved within the next couple of days. There also is a head room problem at the stair to the elevator lobby. This matter is currently under study and should pose no delay to the job.

Once the owner has released the held areas, demolition and temporary partition work will start, after which construction of supported decks will begin. It is expected presently that roofing on the bridge and auditorium should be complete by mid or late June. Other floor slabs will proceed

RALPH J. STEPHENSON, P. E.
CONSULTING ENGINEER

Monitoring Report #1
Auditorium, Hurley Building M
Page two

from early summer on through to about September 1975. There will be considerable study given to these floor slabs to see if an improvement can be made in the pouring schedule.

Work overhead will begin as soon as platforms are available from which installation can proceed.

We shall continue diagramming the auditorium work at our next planning session. I shall be in touch with Mr. Koontopp regarding the date.

Ralph J. Stephenson, P. E.

RS/m

To: Mr. Richard C. McCormick
Mr. Austin Gilbert
Mr. Thor Johnson
Mr. John R. Fugard, Jr.
Mr. Kurt Koontopp
Mr. Joe Sarmiento
Mr. James Johnson
Mr. Bob Chappelle

June 17, 1975

Subject: Monitoring Report #2
Hurley Hospital Auditorium Building M
Flint, Michigan

Project: 75:37

Date of Monitoring: June 3, 1975 (working day 138)

Monitored from Issue #1 dated April 21, 1975 (working day 78)

Target Completion Date: October 11, 1976 (working day 454)

Actions taken:

- Evaluated job progress
- Inspected project
- Revised Issue #1 network according to current data
- Evaluated job status
- Continued diagramming interior work

General Summary

Our initial evaluation of the auditorium at this monitoring consisted of reviewing the Issue #1 network and making revisions as requested by the various prime and subcontractors. These revisions will be reflected in a revised sheet 1 which will be issued as soon as the carpenter's strike has been settled. Work there will soon be brought to a halt due to the strike and will not be able to again resume until carpenters are back on the job.

As part of our diagramming, we also prepared a network of the rough and finish interior work for the east half of the auditorium. This network will be drafted into final form but not issued until the end of the carpenter's strike.

Monitoring Report #2
Auditorium, Hurley Building M
Page two

RALPH J. STEPHENSON, P. E.
CONSULTING ENGINEER

Presently obstacles to continuing work at the auditorium other than the strike include the following:

- Doctor's office must be vacated**
- North end of central supply must be vacated**
- Some existing mechanical utilities must be shut off**
- Bulletin work on various items should be completed**

However, again it should be pointed out that although the above are actual and potential delays to the job that the current strike is the major deterrent to proceeding with work at the auditorium.

I shall be in touch with Mr. Keentopp and Mr. Allison soon regarding our next diagramming session.

Ralph J. Stephenson, P.E.

RJS/m

To: Mr. Richard C. McCormick
Mr. Austin Gilbert
Mr. Thor Johnson
Mr. John R. Fugard, Jr.
Mr. Kurt Keentopp
Mr. Joe Sarmiento
Mr. James Johnson
Mr. Bob Chappelle

Mr. Frank Miller

July 10, 1975

Subject: Monitoring Report #3
Harley Hospital Auditorium Building M
Flint, Michigan

Project: 76:37

Date of Monitoring: July 1, 1975 (working day 128)

Monitored from Issue #1 dated April 21, 1975 (working day 78)

Target Completion Date: October 11, 1976 (working day 454)

Actions taken:

- Inspected project
- Participated in construction conference
- Evaluated job progress

General Summary

Demolition work at the upper levels has again resumed and is almost complete. Work at the auditorium will be held from substantial startup until the current strike is over.

When the strike is ended we shall re-evaluate the work sequences and update the network diagram along with completing planning for the interior work.

Ralph J. Stephenson, P.E.

RJS/m

To: Messrs. McCormick, Gilbert, Johnson,
Fugard, Keentopp, Sarmiento, Johnson,
Chappelle, Miller

RALPH J. STEPHENSON, P. E.
CONSULTING ENGINEER

August 19, 1975

Subject: Monitoring Report #4
Hurley Hospital Auditorium Building M
Flint, Michigan

Project: 75:37

Date of Monitoring: August 4, 1975 (working day 151)

Monitored from Issue #2 dated August 4, 1975 (working day 151)

Target Completion Date: October 11, 1976 (working day 454)

Actions taken:

- Inspected project
- Completed network diagram for project
- Evaluated job progress

General Summary

Work is again starting up at the auditorium after the long carpenters' strike and presently it appears that the sequence outlined in our initial planning reviews can be resumed with some minor changes to the construction sequence of the slab on grade.

Mr. Allison and I spent a major portion of this diagramming session revising the current network to reflect desired changes and completing planning for the remainder of the unit. The diagram is presently being processed and will be drafted and manually computed with the dates shown on the plan. A computer run will not be made on the auditorium diagram until a later time when more opportunity has been given to review the proposed sequence.

Ralph J. Stephenson, P. E.

RJS/m

**To: Messrs. McCormick, Gilbert, Johnson,
Fugard, Koentopp, Sarmiento, Johnson,
Chappelle, Miller**

M

RALPH J. STEPHENSON, P. E.
CONSULTING ENGINEER

August 29, 1975

Subject: Monitoring Report #5

Hurley Hospital Auditorium Building M

Flint, Michigan

Project: 75137

Date of Monitoring: August 26, 1975 (working day 167)

Monitored from Issue #1 dated August 5, 1975 (working day 152)

Target Contract Completion Date: October 11, 1976 (working day 434)

Target Field Completion Date: July 29, 1976 (working day 401)

Actions taken:

- Reviewed job progress with Mr. Ken Allison.

General Summary

Currently most major work at the auditorium is meeting targets between early and late starts and finishes. The slab on grade at the 790' 4" level has been poured, the stage retaining wall is in place and the lower riser wall at the auditorium is under construction. Riser wall work was due to start on August 25, 1975 (working day 166) and is currently on schedule.

Roof fill at the auditorium has been laid and it is expected that the roofing at the auditorium will be put in place when roofing at the main building is completed. This will put the auditorium roof slightly behind schedule.

Spray-on fireproofing was due to be started at the ground floor on August 18, 1975 (working day 161). It still is not in work and attention should be given this trade to get it completed since it is a disruptive operation to other work in the area.

Underground utilities at room 315 and room 319 are presently in work and are currently meeting targets between early and late starts and finishes.

Monitoring Report #5
Auditorium, Hurley Building M
Page two

The network has been broken into three sheets with sheet 1 showing floor slabs on grade and underground utility work; sheet 2 showing interior work at the west half of the auditorium and sheet 3 showing interior work at the east half at the auditorium area and at the first floor. Work at the west half should get underway in the very near future and work at the east half will follow the west.

I shall issue sheets 1, 2 and 3 to Mr. Allison and the others concerned with this area for their use. This will be distributed as follows:

2 copies -	Mr. Allison
2 copies -	Mr. Thor Johnson for distribution to Fugard and Orth
2 copies -	Mr. Gilbert and Mr. McCormick
2 copies -	Mr. Dave Bethyl - Marlan Electric
2 copies -	Devanny
1 copy -	Mr. Frank Hill

Ralph J. Stephenson, P.E.

RJS

en

To: Mr. Richard C. McCormick
Mr. Austin Gilbert
Mr. Thor Johnson
Mr. John R. Fugard, Jr.
Mr. Kurt Koontopp
Mr. Joe Sacramento
Mr. James Johnson
Mr. Bob Chappelle
Mr. Frank Miller

ml
RALPH J. STEPHENSON, P. E.
CONSULTING ENGINEER

October 9, 1975

Subject: Monitoring Report #6
Hurley Hospital Auditorium Building M
Flint, Michigan

Project: 75:37

Date of Monitoring: October 6, 1975 (working day 195)

Monitored from Issue #3 dated August 5, 1975 (working day 152)

Target Completion Date: October 11, 1976 (working day 454)

Target Field Completion Date: July 29, 1976 (working day 404)

Actions taken:

- Reviewed job progress with Mr. Allison
- Inspected project

General Summary

Presently work at the auditorium is lagging the Issue #3 network dated August 5, 1975 by about 5 working days, primarily in construction of the slab on grade at the auditorium. However, Mr. Allison feels that because he has been able to do other slab work earlier at the east and west areas, he will be able to finish all pours in the auditorium no later than November 3, 1975 (working day 215). This will bring that work home substantially ahead of the target completion date of November 18, 1975 (working day 226), the early finish target.

The auditorium is now in the dry and it is expected that as soon as the floor is complete, scaffolding will be erected and rough trades can start their work at the auditorium proper.

Generally, other work at the auditorium is moving well and presently the area does not appear to be in any major difficulties.


Ralph J. Stephenson, P. E.

RJS/m

To: Messrs. McCormick, Gilbert, Johnson,
Fugard, Koentopp, Sarmiento, Johnson,
Chappelle, Miller

RALPH J. STEPHENSON, P. E.
CONSULTING ENGINEER

November 18, 1975

Subject: Monitoring Report #7

Hurley Hospital Auditorium Building M

Flint, Michigan

Project: 75:37

Date of Monitoring: November 11, 1975 (working day 221)

Monitored from Issue #3 dated August 5, 1975 (working day 152)

Target Completion Date: October 11, 1976 (working day 434)

Target Field Completion Date: July 29, 1976 (working day 404)

Actions taken:

- Inspected project
- Participated in construction conference

General Summary

The major floor slab on grade work at the auditorium has been completed somewhat ahead of target dates, with interior rough and finish work now starting at most areas.

At the auditorium, erection of scaffold is proceeding and work is 10 to 20 working days ahead of projected targets.

Ralph J. Stephenson, P. E.

RJS/m

**To: Messrs. McCormick, Gilbert, Johnson, Fegard,
Keontopp, Sarmento, Johnson, Chappelle, Miller**

January 20, 1976

Subject: Monitoring Report #8

Harley Hospital Auditorium, Building M

Fliht, Michigan

Project: 75:37

Date of Monitoring: January 15, 1976 (working day 265)

Monitored from Issue #3 dated August 9, 1975 (working day 152)

Target Completion Date: October 11, 1976 (working day 455)

Target Field Completion Date: July 29, 1976 (working day 404)

Actions taken:

- Inspected project
- Reviewed job progress with Mr. Len Allison

General Summary

Presently work at the main auditorium is meeting target dates between early and late start and finish goals. Scaffolding for above ceiling work has been removed and it is expected that installation of sound panels at the upper ceiling will be able to proceed in about 3 weeks, as soon as the air system is balanced. Our target starting date for this work was February 16, 1976 (working day 287).

Work at the west half of the auditorium building has proceeded as far as it can until bulletin 95 has been resolved. This bulletin is a change to room layout and wall materials. It is a critical bulletin, according to Mr. Allison and currently is delaying work. The lag at the west behind our target completion dates is about 20 to 25 working days. The lag is not serious since it is measured against an end date of February 23, 1976 (working day 293). However, the bulletin should be observed so that work continuity in the auditorium areas can be maintained.

**Monitoring Report #8
Auditorium, Hurley Building M
January 20, 1976
Page two**

**RALPH J. STEPHENSON, P. E.
CONSULTING ENGINEER**

At the east half of the auditorium ground floor work is meeting targets between the early and late starts and finishes. There does not seem to be any major holdup of interior finish work at this portion of the auditorium.

On the first floor completion of wall work is presently being held by bulletin 107 which may revise the partition layout. This work currently lags our original planned targets but the lag is not of critical importance at this time.

In summary, work at the auditorium presently is moving well enough so that there should be no major difficulty meeting the target end dates set by the contractors. Bulletins 95 and 107 should be released as soon as possible so that as much work can be done in the auditorium prior to spring as is possible.

Ralph J. Stephenson, P. E.

**RJS
m**

**To: Mr. Richard C. McCormick
Mr. Austin Gilbert
Mr. Thor Johnson
Mr. John R. Fugard, Jr.
Mr. Kurt Keenstopp
Mr. Joe Sarmento
Mr. James Johnson
Mr. Bob Chappelle
Mr. Frank Miller**

February 19, 1976

Subject: Monitoring Report #9
Merley Hospital Auditorium, Building M
Flint, Michigan

Project: 75:37

Date of Monitoring: February 16, 1976 (working day 287)

Monitored from Issue #3 dated August 5, 1975 (working day 152)

Target Completion Date: October 11, 1976 (working day 455)

Target Field Completion Date: July 29, 1976 (working day 404)

Actions taken:

- Inspected project
- Reviewed job progress with Mr. Ken Allison

General Summary

Work at the main auditorium is presently meeting targets. The sound panels at the upper ceiling will be started on February 17, 1976 (working day 288). The scheduled target was February 16, 1976 (working day 287).

At the first floor the west area including the women's locker room and toilet areas was turned over to the owner on February 16, 1976 (working day 287). The owner must now vacate the existing toilet room so it can be remediated.

No major work has been done in the past month at the east half ground floor of the auditorium area and this is falling slightly behind. However, the field target date for completion there is March 2, 1976 (working day 298) so the slight lag should cause no major problem.

At the west half of the auditorium area, rooms 315 through 320 are to be turned over to the owner by February 23, 1976 (working day 293). This was the target date established in the Issue #3 network dated August 5, 1975 for the entire west half area. Remaining areas in the west half should follow shortly after.

RALPH J. STEPHENSON, P. E.
CONSULTING ENGINEER

Monitoring Report #9
Auditorium, Hurley Building M
February 19, 1976
Page two

In summary, work at the auditorium is presently moving in relatively good alignment with the overall target completion date. Completion of the first floor work at the auditorium requires that Bulletin 107 be issued. This is presently in consideration.

Ralph J. Stephenson, P. E.

RJS
m

To: Mr. Richard C. McCormick
Mr. Austin Gilbert
Mr. Thor Johnson
Mr. John R. Fugard, Jr.
Mr. Kurt Koentopp
Mr. Joe Sarmiento
Mr. James Johnson
Mr. Bob Chappelle
Mr. Frank Miller

March 26, 1976

Subject: Monitoring Report #10

Hurley Hospital Auditorium, Building M

Flint, Michigan

Project: 75:37

Date of Monitoring: March 22, 1976 (working day 312)

Monitored from Issue #3 dated August 5, 1975 (working day 152)

Target Completion Date: October 11, 1976 (working day 455)

Target Field Completion Date: July 29, 1976 (working day 404)

**Note: If possible, it is desired to finish this area earlier.
Currently contractors are working toward an early completion target.**

Actions taken:

- Briefly inspected project
- Reviewed job progress with Mr. Ken Allison

General Summary

Ceiling work at the auditorium is substantially complete, ready for the suspended screen ceiling. However, there is now some possibility that this material will not be delivered for several weeks although it was committed to be delivered within the next two weeks. This may cause some delay to completion of the auditorium proper.

At the auditorium east half of the ground floor very little work has been done in the past few weeks since it is used as the exit from work being done presently in the existing basement. Therefore, Mr. Allison has hesitated putting finish trades in until remodeling is complete.

At the first floor of the auditorium all areas have been turned over to the contractors for work and they are presently completing finish trades.

**Monitoring Report
Auditorium, Hurley Building
March 26, 1976
Page two**

**RALPH J. STEPHENSON, P.E.
CONSULTING ENGINEER**

At the west half of the auditorium ground floor, all contractors are working on the remaining rooms. Very little work remains to be done in this section.

Overall, it appears that the contractors' target completion date of July 29, 1976 (working day 404) can be met. Mr. Allison would like to turn the area over by June 1, 1976 (working day 362) but this will have to be evaluated on a day to day basis, depending upon delivery of remaining finish elements.

Mr. Allison mentioned that Bulletin 107 is still not approved. This relates to the stairway from the first to the ground floor at the south end of the auditorium. It would be wise to clear this bulletin just as soon as possible.

Ralph J. Stephenson, P.E.

**RJS
sm**

**To: Mr. Richard C. McCormick
Mr. Austin Gilbert
Mr. Thor Johnson
Mr. John R. Fugard, Jr.
Mr. Kurt Keentopp
Mr. Joe Sarmiento
Mr. James Johnson
Mr. Bob Chappelle
Mr. Frank Miller**

April 20, 1976

Subject: Monitoring Report #11
Hurley Hospital Auditorium, Building M
Flint, Michigan

Project: 75:37

Date of Monitoring: April 19, 1976 (working day 352)

Monitored from Issue #3 dated August 5, 1975 (working day 162)

Target Completion Date: October 11, 1976 (working day 455)

Target Field Completion Date: July 29, 1976 (working day 404)

Actions taken:

- Reviewed job progress with Mr. Ken Allison

General Summary

The hanger rails for ceiling slats at the auditorium are now to be delivered on May 17, 1976 (working day 352). The slats will be delivered by June 1, 1976 (working day 362) and completion of the auditorium should be about a week later. Tentatively we are setting the completion of the auditorium at June 11, 1976 (working day 370). It may be that this date can be bettered.

The east half of the ground floor is still being held pending completion of miscellaneous remodeling in areas adjoining it. Mr. Allison feels that when he begins finishing the area it should take between 15 and 20 working days to complete. Presently he is aiming to complete this work by June 1, 1976 (working day 362).

At the auditorium first floor there is about 15 working days more work to do starting tomorrow, April 20, 1976 (working day 353).

At the west half of the area major work is well along and completion of the whole section is expected by April 29, 1976 (working day 340).

**Monitoring Report #11
Auditorium, Harley Building 4
April 26, 1976
Page two**

**RALPH J. STEPHENSON, P. E.
CONSULTING ENGINEER**

Thus, most major work at the auditorium area will be done sometime in mid-June. Again, it is to be cautioned that due to the possibility of trade strikes that some delays might be anticipated in May and June. However, we are monitoring the project on the basis that such delays will not occur.

Ralph J. Stephenson, P. E.

**RJS
m**

**To: Mr. Richard C. McCormick
Mr. Austin Gilbert
Mr. Thor Johnson
Mr. John E. Fogard, Jr.
Mr. Kurt Koenig
Mr. Joe Sarmento
Mr. James Johnson
Mr. Bob Chappelle
Mr. Frank Miller**