

UPDATED  
7/23/87

1: Greenfield Lodge Cobo notes - disk 0?

2: 8:25:53 AM 7/16/87

2.1: Those involved

2.1.1: Greenfield

2.1.1.1: Roger Van Omen - chief estimator

2.1.1.2: Rudy Gross - estimator

2.1.1.3: Larry Gilbert - estimator

2.1.1.4: Dan Diponio - project manager

2.1.1.5: Jim Thompson - project engineer

2.1.2: MDOT

2.1.2.1: John Windemuth - resident engineer

2.1.2.2: Charlie Cook - assistant resident engineer

2.1.3: John Miller - electrical contractor

2.1.4: Angelo Dorazio - concrete paving contractor

2.1.5: Turner - construction manager for Cobo Hall construction  
Most early contacts were with Art Hunkley. Recently however Greenfield is seeing more of Mike Pitts in coordination meetings.

2.1.5.1: Art Hunkley - senior project superintendent

2.1.5.2: Mike Pitts - resident project superintendent

2.1.5.3: Stan Carr - resident project superintendent

2.2: Those attending meeting

2.2.1: Greenfield

2.2.1.1: Larry Gilbert - estimator

2.2.1.2: Dan Diponio - project manager

2.2.1.3: Jim Thompson - project engineer

2.2.1.4: Ralph J. Stephenson - consultant

2.3: Key dates

The statements in the contract documents regarding extensions of time & shown on pages 44 & 45 should be reviewed carefully.

In essence no extensions of time are to be granted for building construction interference, limited overhead access, adverse weather conditions, labor disputes, late delivery of material & delays to review of submittals.

2.3.1: 4/10/87 - Notice to proceed

2.3.2: Interim contract dates - pages 43, 44 & 45

2.3.2.1: A - August 15, 1987 - if access to site is by 7/1/87  
As of 7/16/87 Greenfield does not have access to site. Turner says access will be available September 8, 1987. This appears in minutes of

construction meetings.

Greenfield is not certain Turner can meet this September 8, 1987 commitment.

Incentive/disincentive

\$20,000 incentive per calendar day to max of \$200,000

\$25,000 disincentive per calendar day - no max

NB Lodge (stations 816+00 to 823+25)

Demolition of Wayne St bridge

Demolition of old ramps D & C east of 2nd Ave pl

Construct struct slab over 1st-Hamilton sewer

Construct drainage struct, curb, gutter, pavement

SB Lodge (stations 819+21 to 820+01)

Drive piling for struct slab only

2.3.2.2:

B - March 1, 1988 - if access to site is by 7/1/87

It should be noted that accessibility to 1st Street by Grenfield is a necessary condition of completing that phase. Turner has to complete access to Cobo Hall roof parking & truck dock to allow access to 1st Steet by Greenfield.

It was estimated that this access would be available by July 1, 1987. It is now estimated by Turner that access will be available by September 8, 1987

Incentive/disincentive

\$10,000 per calendar day incentiver to max of \$300,000

\$20,000 per calendar day disincentive - no limit

NB Lodge (station 806+50 to 823+25)

Structure S10 over nb Lodge

Siphon sewer

All drainage structures

Retaining walls between nb & sb Lodge

2.3.2.3:

C - September 15, 1987 - per addendum #2 - if access to site is by 7/1/87

Incentive/disincentive

\$2,500 per calendar day incentive to max of \$25,000

\$2,500 per calendar day disincentive - no limit

Retaining wall A-2 per addendum #2

Construct retaining wall

Construct related embankment  
Backfill retaining wall and related areas

2.3.3: 12/31/88 - Contract completion date

The conditions under which the project is to be built are outlined in the special provisions of the contract on pages 47 & 48 under Lodge Freeway section.

In this section it states that during a 4 month period between October 1, 1987 & February 1, 1988 both nb Lodge & sb Lodge would be closed for the project length to allow access to the project.

From March 1, 1988 to December 31, 1988 2 lanes of sb Lodge will be maintained via a crossover onto the nb Lodge (ties into phase B).

2.3.3.1: Incentive/disincentive - none

2.3.3.2: Liquidated damages - \$1,000 per calendar day

This is a function of the contract amount and is the maximum allowed.

2.4: Physical characteristics of the project

Reconstruction of .32 miles of Lodge freeway at Cobo Hall. Involves construction of drainage structures, construction of 2 bridge structures, removal of 3 structures & construction of 6 retaining walls. Extent of project from south of Fort Street southeasterly to south of Cass Street.

2.4.1: Bridge structures to be constructed or rebuilt

2.4.1.1: S10 - Ramp B over nb Lodge at Larned (new bridge)

2.4.1.2: S09 & S21 - US 10 sb over wb Jefferson (rebuilt bridge)

2.4.2: Bridge structures to be removed

2.4.2.1: S07 - First Street over US 10

2.4.2.2: S08 - US 10 ramp C over ramp to First Street

2.4.3: Retaining walls

2.5: Laundry lists

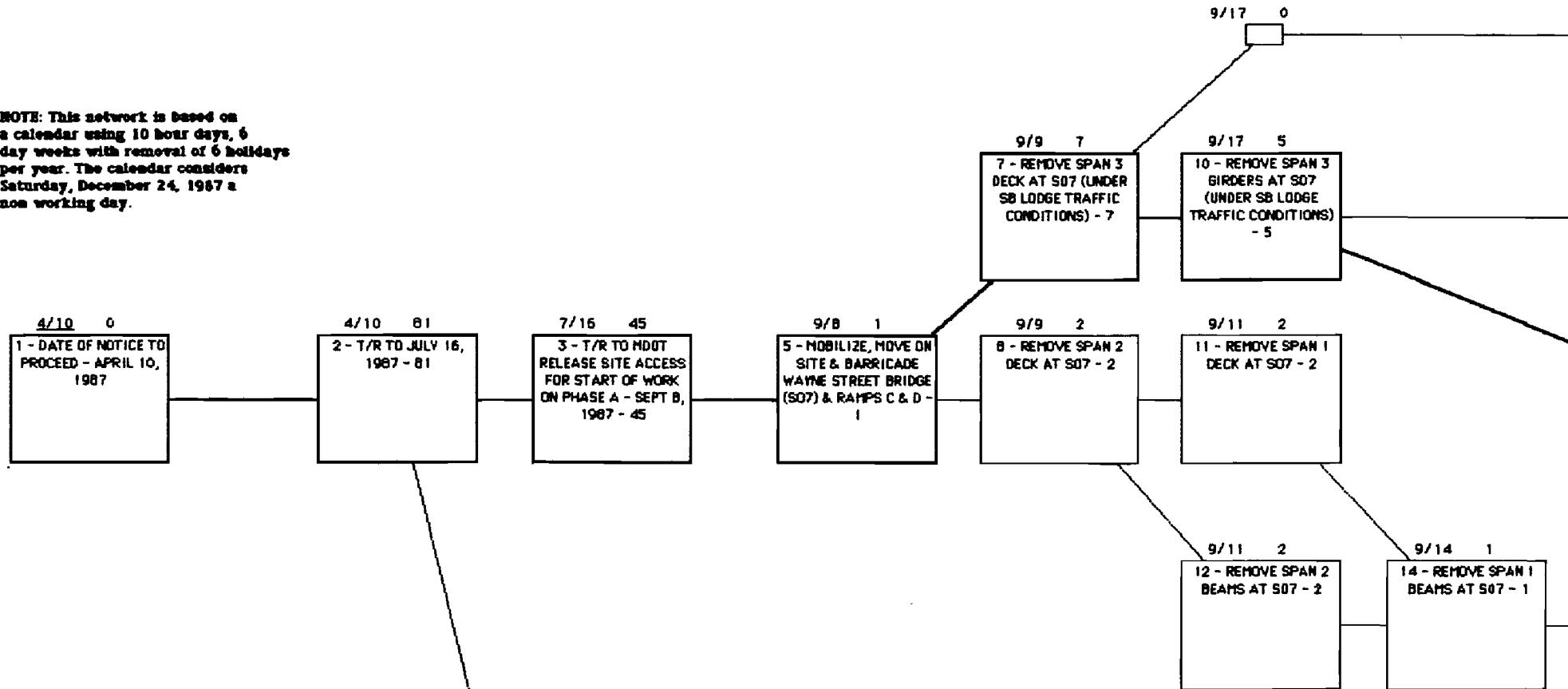
2.6: Abbreviations

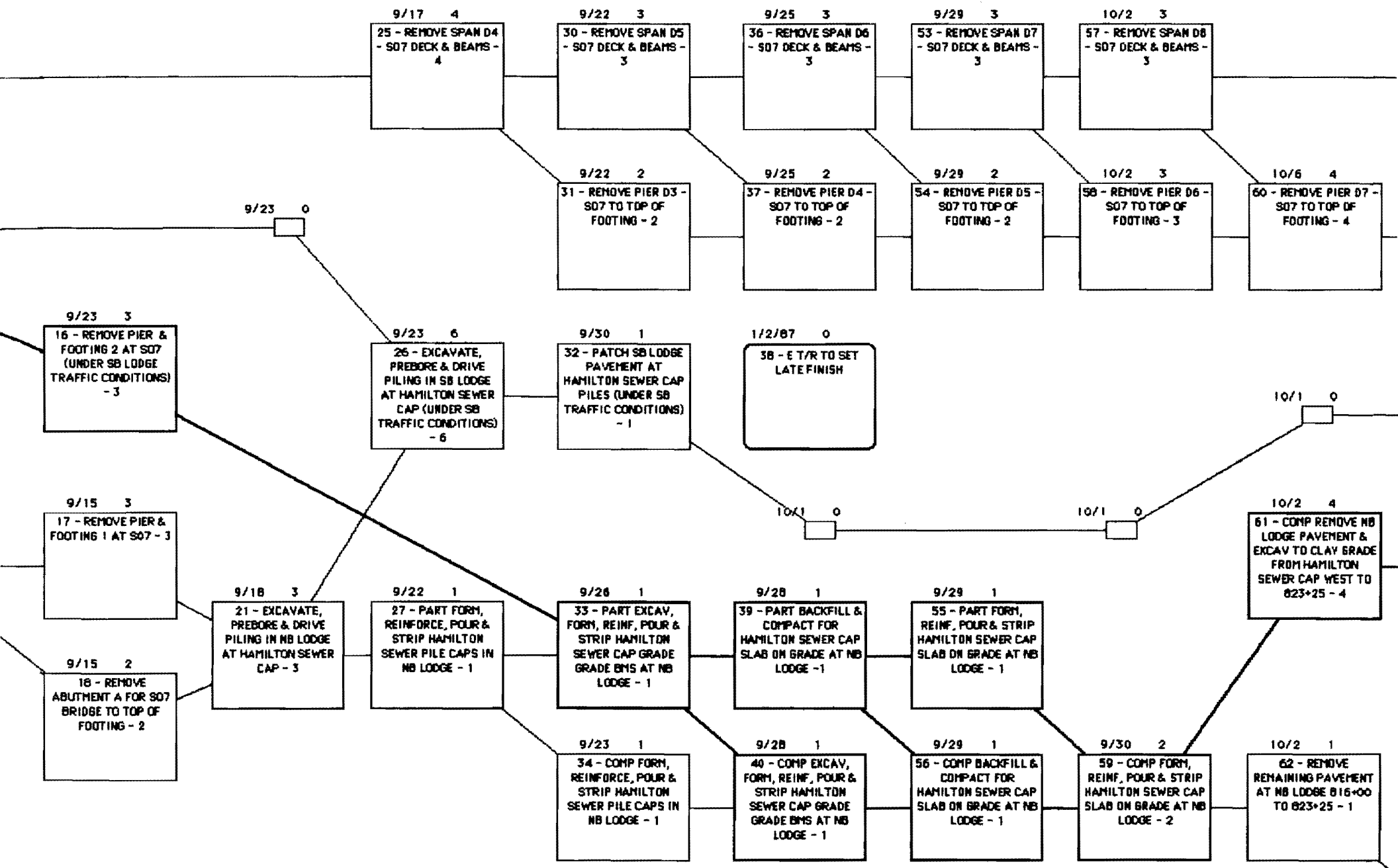
2.7: Responsibility codes

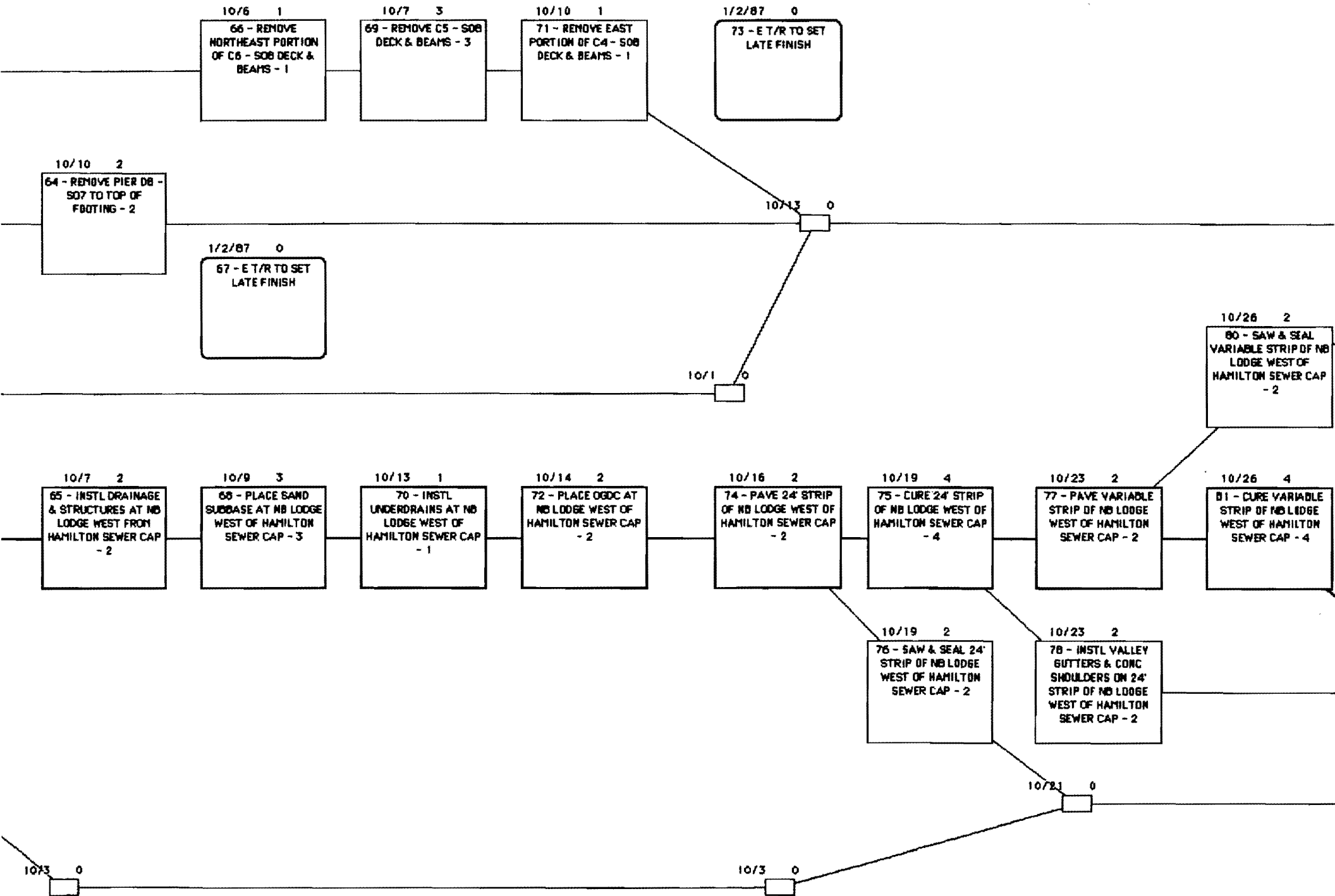
2.8: Schedules submitted to MDOT

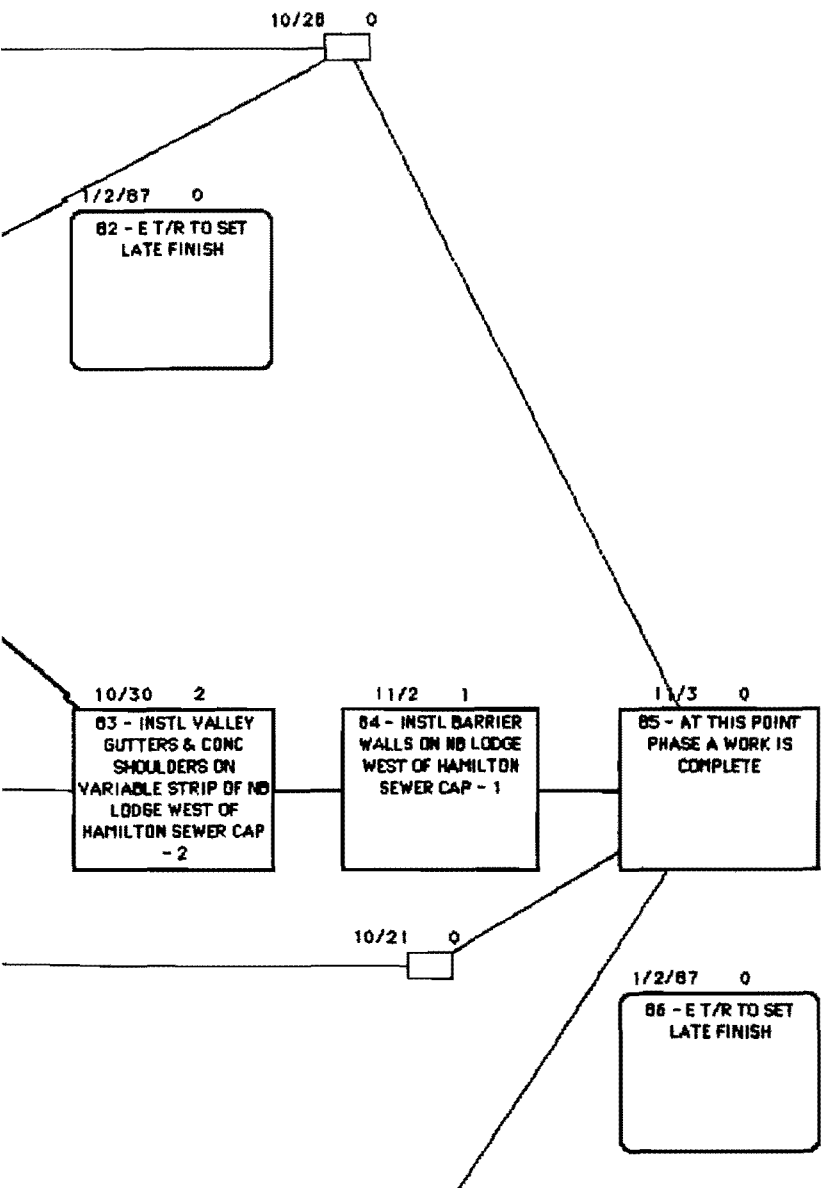
2.8.1: Key date schedule dated ?

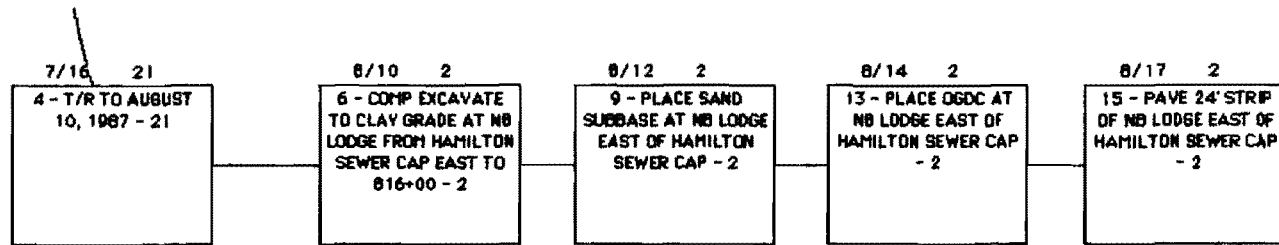
**NOTE: This network is based on a calendar using 10 hour days, 6 day weeks with removal of 6 holidays per year. The calendar considers Saturday, December 24, 1987 a non working day.**











**General Notes**

Phase A includes work as described on pages 43 & 44 of the proposal under Progress schedule paragraph A. Work generally includes:

**Northbound Lodge (stations 816+00 to 823+25)**

- Demolish Wayne Street Bridge
- Demolish old ramps D & C east of 2nd Ave pl
- Construction of struct slab over 1st-Hamilton sewer
- Construct drainage struct, curb, gutter & pavement

**Southbound Lodge (stations 819+21 to 820+01)**

- Drive piles for structural slab only

- All float time shown in this plan of work is the property of Greenfield Construction Company, Inc. & is not to be used by others without written permission of Greenfield Construction.



1/2/87 0

63 - T/R TO SET LATE FINISH

8/19 4  
19 - CURE 24' STRIP OF NB LODGE EAST OF HAMILTON SEWER CAP - 4

8/24 2  
22 - PAVE VARIABLE STRIP OF NB LODGE EAST OF HAMILTON SEWER CAP - 2

8/26 4  
28 - CURE VARIABLE STRIP OF NB LODGE EAST OF HAMILTON SEWER CAP - 4

8/26 2  
29 - SAW & SEAL VARIABLE STRIP OF NB LODGE EAST OF HAMILTON SEWER CAP - 2

1/2/87 0  
51 - E T/R TO SET LATE FINISH

8/19 2  
20 - SAW & SEAL 24' STRIP OF NB LODGE EAST OF HAMILTON SEWER CAP - 2

8/24 2  
23 - INSTL VALLEY GUTTERS & CONC SHOULDERS ON 24' STRIP OF NB LODGE EAST OF HAMILTON SEWER CAP - 2

8/31 2  
35 - INSTL VALLEY GUTTERS & CONC SHOULDERS ON VARIABLE STRIP OF NB LODGE EAST OF HAMILTON SEWER CAP - 2

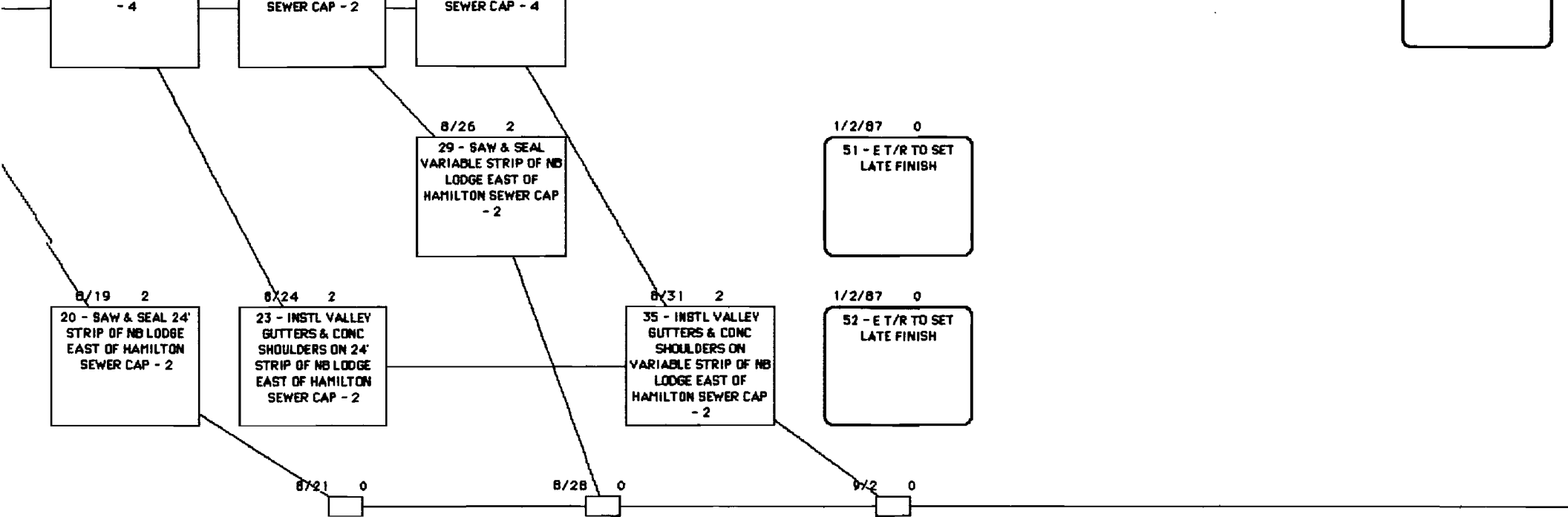
1/2/87 0  
52 - E T/R TO SET LATE FINISH

8/21 0

1/2/87 0  
24 - E T/R TO SET LATE FINISH

8/28 0

9/2 0



1/2/07 0

79 - E T/R TO SET  
LATE FINISH

9/2

EARLY START DATE	EARLY FINISH DATE OR DURATION	
4/1	3	
<table border="1"><tr><td>PART PLACE &amp; COMPACT SUBBASE - 3</td></tr></table>		PART PLACE & COMPACT SUBBASE - 3
PART PLACE & COMPACT SUBBASE - 3		
<ul style="list-style-type: none"><li>- ACTIVITY DESCRIPTION</li><li>- RESPONSIBILITY CODE (3)</li><li>- ESTIMATED DURATION OF ACTIVITY IN ELAPSED WORKING DAYS</li></ul>		
LATE START DATE	LATE FINISH DATE	

**ACTIVITY INFORMATION KEY**

PHASE A WORK - SEE GENERAL NOTES FOR  
OVERALL DESCRIPTION

87039

Issue #1 - July 16, 1987  
noet/r11phsAgrafidodge  
disk 098

**NETWORK MODEL FOR RECONSTRUCTION  
OF LODGE FREEWAY AT COBO HALL  
MDOT BFUR 82111-24863A  
DETROIT, MICHIGAN  
Greenfield Construction Company, Inc  
General Contractors  
Livonia, Michigan  
Greenfield project number 433**

**RESERVED ACTIVITY NUMBERS**

41	46
42	47
43	48
44	49
45	50

LN 1  
HW 86

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**SHEET**  
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