

OBJECTIVE

Provide PERT/CPM methods of network analysis for planning, developing and implementing projects of all types, sizes and complexity.

PROFESSIONAL EXPERIENCE

Management Consultant, 1974 to present.

Provide PERT/CPM management planning and network analysis for a wide variety of design, development and construction projects.

Early clients and projects included:

Container Corporation of America; General Electric; Lockheed; University of California at San Francisco; C. Norman Peterson Contractors, A Dillingham Company; Hodgson Construction; Portola Valley Ranch Subdivision; University of Oregon Health Services Center; Santa Barbara Sewage Treatment Plant; Rock Creek, Oregon Sewage Plant; Aptos Transmission Facilities; Kaiser Hospital, Antioch; Moffitt Hospital, San Francisco; Municipal Railway and Cable Car Interim Safety Improvements, San Francisco

Construction Analyst, 1973 to 1974.

Cal West Communities, Inc.

Initial function was to stabilize the transition of accounting system from manual to Electronic data processing. Work participation included all phases of accounting from accounts payable and cost accounting through financial statements and cash flow analyses for annual project sales in excess of \$5 million (Sunset Oaks and Sunset Park of Sunnyvale; Millwood Subdivision, Fremont; Shelter Ridge, Marin; Sandpiper, Vallejo).

Final position was assistant project manager for planned 525 unit condominium development. Project assistance included project estimating, contract negotiation, finance and construction planning, and computerized scheduling.

Carpenter – Commercial & Residential, 1968 to 1972.

Howard White Construction Company; Harold & Williams Construction Company; Real Property Consultants, Palo Alto; Capp Homes, A division of Evans Products.

Welch Road Office Building, Palo Alto
Menlo Park Civic Center
Commercial Remodeling
Custom Houses in Portola Valley and Los Altos

EDUCATION

B.A. Stanford University

PROGRAM DEVELOPMENT PLANNING

Santa Clara County, Special Schools Division
Facility Acquisition and Improvement Program

Habitec, Architecture and Planning
Analysis of Typical Design Program
Working Drawings for Decathlon Club, Santa Clara
Construction Progress Analysis and Monthly Reports, Decathlon Club

Executives' Outlet, Inc.
Decathlon Club Facility Start-up Plan
Facility/Security Analysis
Kitchen/Restaurant Operations

Gelco Corporation
Fresh Intermodal Transport
Computer Modeling for Business Start-up
Physical Trailer Movement
License Registration and Renewal Process
Fresno Operation
Executive Planning Session, Decathlon Club
Executive Schedule Re-Cap

Helm Corporation
Registration of Railroad Equipment

Fairchild Semiconductor
Fairchild Management Information Systems (FMIS) Conversion

Union Bank, San Francisco
MVS Conversion Project

William Simpson Co. – A Dillingham Company
Architectural/Engineering Schedule for O'Connor Hospital

Mount Zion Hospital
Program Analysis of Geriatric Facility Re-Location

City of San Francisco
Analysis of Environmental Impact Planning Process
Relocation of Morgan Equipment Company Facility for Accelerated
Start of Southeast Water Pollution Control Plant
Implementation of Computer System for Wastewater Program

Chin and Hensolt, San Francisco
General Motors, Bid Schedule for Air Quality Compliance Project
General Motors, Bid Schedule for Basic Paint Clean Room

SAN FRANCISCO MUNICIPAL RAILWAY

Cable Car Renovations

Schedule for System Interim Safety Improvements, Winter, 1979

Muni Metro

Critical Path Schedule for Muni Metro Start-up

Monthly Updates

Fare Collection Problem Analysis

Simulated Service Planning

Communication Contract Interface Analysis

Central Control Relocation

Ways & Structures Operation

Station Agent Training

Operator Training

Central Control Dispatchers

Ph II Operation

Completion on Contract MR-672, Data Transmission

1981 Operations

INTERNATIONAL

Lyon Engineering

Royal Malaysian Air Force, Subang AFB

Optec, N.V.

Analysis of International Projects: Saudi Arabia, Egypt, Morocco, London

SEMINAR / EDUCATION

San Francisco Municipal Railway

PERT/CPM Project Management

PSL/Pacific

Pacific Construction, Hawaii

Analysis of Superintendent Training Seminar

ENERGY DEVELOPMENT

Aydin Energy Division

Modulator/Regulator for Princeton, New Jersey Plasma Fusion Experiment

HEAVY INDUSTRIAL

General Motors

1982 'A' Model Change, Fremont

E.H. Morrill Co.

Launch Complex Facilities, Vandenberg AFB
Moffitt Hospital Boiler Plant Expansion, San Francisco
Molybdenum Mine, Tonopah, Nevada
Northwest LCW Station Expansion, Livermore

Swinerton-Walberg

Power Plant Foundations, Rock Springs, Wyoming

Ralph Larsen & Son

Stanford Linear Accelerator Extension – Phase I

C. Norman Peterson Company – A Dillingham Company

Container Corporation of America – Wet End Project
Crown Zellerbach Plant Renovations
Aptos Pumping Stations
Kaiser-Fontana Steel Plant
Sohio Fuel Module – North Slope, Alaska
Rock Creek Sewage Plant – Oregon
Solids Processing and Storage Facilities, Sacramento Wastewater Plant

Underground Construction Co.

Outfall Sewer C-3, San Francisco
Livermore Pipeline
Amador Valley Pipeline

Albay Construction

Crown Zellerbach Plant Renovations
Exxon Refinery T-102

Carl W. Olson & Sons

San Carlos Pump Stations

W. R. Thomason, Inc.

Norris Reservoir
ATA Project, Phase I, Livermore
Treatment Plant Additions and Modifications, South Tahoe
Idaho Mechanical Installation – Catalytic

Moseman Construction Co.

Westside Transport W-3, San Francisco

COMMERCIAL/INDUSTRIAL

C. Norman Peterson Co. – A Dillingham Company

Cushman Electronics Building
General Electric High-Flow Hydraulic Facility
EIP Building, San Jose

Ralph Larsen & Son

SFIA National Airlines, Tenant Improvements
SFIA Contract 650D, Interior Completion
San Francisco Water Department, Millbrae Suburban Facility

Vanderson Construction

Johns-Manville Insulation Plant Expansion, Willows
Warehouse and Manufacturing Facility, Celotex, Fremont

Carl W. Olson & Sons

Warehouse, Crown Zellerbach, San Francisco

Winzler & Kelly, Engineers

River Inn Casino/Restaurant, Reno, Nevada

Cunningham Construction

Racal-Vadic, Fairfield
Main Post Office, Fremont
Kacor Realty, Building A, Mountain View

Mai Industries

Memorex, R & D Project Analysis
Memorex Building 023 Addition

Nibbi Brothers, San Francisco

Barrett Hotel Renovations, San Francisco
On-Lok House, San Francisco
San Francisco Metro Fare Collection Installation

Carl Holvick, Palo Alto

Legaspi Towers, Marriott

COMMERCIAL/INDUSTRIAL

Hodgson Construction, Inc.

San Jose Civic Auditorium Renovations
Lacey Building
General Electric High Flow Hydraulic
Facility (Maint Bldg)
Bank of America, San Mateo
Satellite Communications Ground
Terminal, Sunnyvale
Squash Club, San Francisco
IBM Tank Farm Demolition
NASA Computer Renovations
Mowry East Phase III

Gold Circle Shopping Center
Lockheed High Bay Building
Host International SFIA
American Savings & Loan, Mountain View
NASA Building N-213
Temple Beth Jacobs, Redwood City
Veterans Hospital A.R.F. Building, Palo Alto
IBM Building 044
Accinelli & Mauser Office Building, Millbrae
Hewlett-Packard Neely Sales Building, Brisbane
J.M. McDonald Department Store

HOSPITALS

Ralph Larsen & Son

Moffitt Hospital, UCSF Phase I
Kaiser-Fremont Medical Offices
Kaiser-Santa Teresa Medical Offices
Kaiser-Redwood City Medical Offices
Woodland Hospital Additions and Renovations

Nibbi Brothers

U.C. Clinic Fire Rehabilitation

Hodgson Construction, Inc

Peninsula Blood Bank, Burlingame

Rudolf and Sletten, Inc.

Mary's Help Hospital, Daly City

William Simpson Construction Co. – A Dillingham Company

O'Connor Hospital, San Jose

SCHOOLS

Hodgson Construction, Inc. – Redwood City
Sutro School – San Francisco
McCoppin School – San Francisco
Granada High School – Livermore
Memorial High School – Newark
North County Development Center – Oakland
St. Peter's Multi-Purpose Room, Pacifica
Castilleja School, Palo Alto

Biltwell Development Co.
Roosevelt School, San Francisco

Nibbi Brothers, San Francisco
Guadalupe School, San Francisco

Barnhart Construction Co.
Logan High School, Fremont
Piedmont High School, Piedmont

Ralph Larsen & Son
Stanford University, Building I-120 Renovation

RESIDENTIAL

CNA Development Company
Flynn Avenue Subdivision Development Plan
Flynn Avenue Duplexes
County Village Condominiums
Miramonte Avenue Duplexes
Park Village Condominiums
The Shire Condominiums

Portola Valley Associates
Portola Valley Ranch Subdivision

Barnhart Construction, Santa Clara
Pacific Terrace Condominiums, Santa Cruz

Gilbert Homes
St Andrew Court

Rainbow Designs
Renovation for Steve Jobs, Apple Computer, Inc.

ADDITIONAL PROJECTS OF SPECIAL INTEREST

Sand Hill Road Corridor projects

Stanford Management Company

Palo Alto, CA

(Contracted to Owner for Architectural / Engineering Design Schedules, Preparation and Monitoring of Construction Schedules)

Palo Alto Hotel (Westin)

Clement Chen and Associates

Palo Alto, CA

(Contracted to Owner for Monitoring and Updating of Construction Schedules; Preparation and Updating of Fixtures, Furniture and Equipment Procurement and Installation)

Hawthorne Suites

W.L Butler Construction, Inc.

Newark, CA

Initial Schedule, Weekly Monitoring, Monthly Updating)

(Contracted to Contractor)

Lexmark Electronics Facility

Hayford Project Management, Pte, Ltd.

Cebu, Phillippines

Initial Schedule, Periodic Updating

(Contracted to Contractor)

MKE – Quantum Expansion

Hayford Project Management, Pte, Ltd.

Batam, Indonesia

Initial Schedule, Periodic Updating

(Contracted to Contractor)

NUMMI Truck Project (New Facility and Expansion)

New United Motor Manufacturing, Inc.

Fremont, CA

(Contracted to Owner for Architectural Design Schedule, Planning Construction Schedules, Monitoring Facility Schedule, and Preparation and Monitoring of Process Equipment Installation Schedule)

Maguire Correctional Facility Addition

Redwood City, CA

HOK Architects

Sumitomo Construction America, Inc.

Initial Schedule, Weekly Monitoring, Monthly Updating

(Contracted to Contractor)

Raychem/Shanghai Cableworks, Ltd.

Shanghai, China
New Facility, Phase I
Initial Planning/Design Schedule, Monthly Updating
(Contracted to Owner)

U.S. Custom House

San Francisco, CA
Seismic Renovation and Electrical Upgrade
Morse Diesel, International
Initial Schedule, Monthly Updating
(Contracted to Owner)

**Building 5 Seismic Renovations
Veterans Administration Medical Center**

Palo Alto, CA
Nibbi Brothers, Inc.
Monthly Updating
(Contracted to Contractor)

Mervyn's Data Center Relocation

Plano, Texas
Leo A. Daly, Architects
Lee Lewis Construction, Inc.
Initial Schedule, Weekly Monitoring, Monthly Updating
(Contracted to Owner; Schedule Preparation with Contractor)

Building H Renovations and Activation

Raychem Corporation

Menlo, Ca
Ehrlich-Romminger Architects
Relocation and Activation Schedule Preparation, Weekly Monitoring, Monthly Updating
(Contracted to Owner)

Theater and Building Renovation

Alice Arts Center

Oakland, CA
TLC/Fields, A Joint Venture (Contractor)
Initial Schedule, Periodic Updating
(Contracted to Contractor)

Palo Alto Civic Center

Seismic Renovations

(Prepared Initial Schedule for Planning, Bidding and Construction. Monitored construction progress through duration of project.)

Rotunda Office Buildings

Santa Clara, CA
Sobrato Development Companies
Initial Schedule, Weekly Monitoring, Monthly Updating
(Contracted to Owner / Builder)

Manufacturing Facility

Komag Corporation

San Jose, CA
Sobrato Development Companies
Initial Schedule, Weekly Monitoring, Monthly Updating
(Contracted to Owner / Builder)

Yerba Buena Gardens

Theater and Visual Arts Center

San Francisco, CA
Sumitomo Construction America, Inc
Revise initial schedule, Weekly Monitoring, Monthly Updating
(Contracted to Contractor)

Building Renovation

Raynet Corporation

Menlo Park, CA
W.L. Butler, Inc.
Initial Schedule, Periodic Updating
(Contracted to Contractor)

Campton Place Hotel

Seismic Upgrade and Renovations

San Francisco, CA
Ralph Larsen and Son, Inc.
(Contracted to Contractor)

Condominium Development

1240 Clay St.

San Francisco, CA
Armax Development
ZCON/Stolte
Initial Schedule, Periodic Updating
(Contracted to Owner)

Building I-120 Renovation

Media Facility Installation

Stanford University
Ralph Larsen and Son, Inc.
Initial Schedule, Periodic Updating
(Contracted to Contractor)

Theater Renovation

Palo Alto, CA

Hodgson Construction, Inc.

Initial Schedule, Periodic Updating

(Contracted to Contractor)

Mervyn's Department Stores

Hayward, CA

Analysis of Functional Department Organization

Building Addition and Renovations

Stanford Auxiliary Library II

Stanford, CA

Stanford University

Brero Construction, Inc. (Construction Manager)

Initial Schedule for Planning and Bid Documents

(Contracted to Owner)

Review and Revisions to Initial Schedule, Bi-weekly Updating

(Contracted to Construction Manager)

Delay Impact Claim Analysis Experience

(Available Upon Request)

(Please be advised: All construction projects have the potential for delay impact analysis requirements. When properly performed, PERT/CPM methods of project planning, scheduling and updating significantly reduce the potential for litigation requirements after project completion.)