

COUNCIL WORKSHOP ITEM

ITEM: Downtown Parking Deck: Requested first fee Change Order to C. M. Lavoie & Associates, Inc. Professional Engineering Services Agreement
DATE: May 28, 2002
PREPARED BY: Joseph Skach, AIA, AICP, NCARB; Director of Redevelopment
Jack Bajor, Director of Public Works
Account Number: 107.529.0000.5807
Budget Amount: \$25,500

PURPOSE:

The purpose of this item is to request approval of a fee Change Order to the current Agreement with C. M. Lavoie & Associates ["Civil Engineer", "CE"], executed on August 21, 2001, for Professional Engineering Services to an amount not to exceed \$79,000.

DISCUSSION:

Overall construction document preparation is currently at approximately 90% and certain additional CE services are required under the *Final Engineering Phase* of the current Agreement to address revised stormwater detention capacity, subsequent site engineering aspects, site design coordination with adjacent properties, and to complete and coordinate construction documents with the deck structure.

Staff is requesting the current fee for the Agreement with the CE be modified to incorporate an additional not-to-exceed amount of \$25,500 per the attached proposal for a total not-to-exceed fee of \$79,000. The CE has reviewed the remaining CE effort and proposed fee Change Order and believes this fee Change Order is consistent with and adequate to complete the *Final Engineering Phase* based on the current expected project scope. All other terms of the current Agreement shall remain in effect.

Agreement Amount Summary

Original	\$53,500	
Current	\$53,500	
<u>Requested</u>	<u>\$25,500</u>	(1 st fee Change Order: Final Engineering)
Total (NTE)	\$79,000	

ATTACHMENT:

- A. C.M. Lavoie Proposed fee Change Order
- B. C.M. Lavoie current Agreement for Professional Engineering Services

RECOMMENDATION: It is recommended that the Village Council place the subject item, a requested fee Change Order to the current Professional Engineering Services Agreement with C.M. Lavoie & Associates in an amount not-to-exceed \$79,000, on the Village Council Consent Agenda for Tuesday, June 4, 2002.



C.M. Lavoie & Associates, Inc.

Consulting Civil Engineering
Land Planning & Surveying
633 Rogers Street
Downers Grove, Illinois 60515
voice 630-434-2780
fax 630-434-2781

May 2, 2002

Ms. Jane Gerdes
Assistant Director of Public Works
5101 Walnut Avenue
Downers Grove, Illinois 60515

RE: Professional Services
Downers Grove Parking Facility
Main Street and Washington Street
Downers Grove, IL

EXTRA WORK AUTHORIZATION

Description of Additional Services:

The following lists a description of a several additional tasks to be completed for the above referenced project. These tasks amend the original scope of work as described in the contract dated July 17, 2001.

- **Task 1**
Provide the Village of Downers Grove with several alternate parking lot and loading designs for area located northwest of the parking facility. These designs include several options which would involve the acquisition of portions of both the Eckdahl and Allers properties.
- **Task 2**
Provide structural engineering services required in the preparation of construction contract documents for the cast in place, concrete retaining wall located southwest of the parking facility, and the modular concrete block retaining wall on the south side of the parking lot for the building at 5202 Washington Street. The concrete block wall is to be constructed using Keystone Block. The block wall varies in exposed height from 0.5' to 4.0' high and runs a total of 280 lineal feet, the cast in place, concrete retaining wall varies in exposed height from 0.5' to 4.6' and runs a total of 30 linear feet per Retaining Wall Exhibit prepared by C.M. Lavoie & Associates, Inc. dated May 2, 2002, and enclosed herein. There will be a handrail included for both of these walls. Drawings will include a wall elevation, typical wall section, with handrail, and general notes that are signed and sealed by a Structural Engineer licensed in the State of Illinois. The segmental retaining walls listed above shall be designed utilizing the methodologies set forth in the National Concrete Masonry Association's Design Manual for Segmental Retaining Walls, 2nd Edition.
- **Task 3**
Offsite stormwater management analysis of the areas to the north and east of the project site. This work is to be done per a letter from the Village of Downers Grove dated April 22, 2002 and addressed to Desman Associates, and per subsequent meetings with the Village staff. CML will provide offsite calculations in order to oversize the storm sewer and stormwater detention area to account for future offsite redevelopment to the north and east. CML will provide 4 ac-ft of detention under the parking facility per the letter dated April 22, 2002, which will be greater than the detention required for the subject development. This additional detention is being provided in order to accommodate for future offsite development, which will require that the on-site storm sewer be sized to allow for these offsite flows to be routed to the detention area under the parking facility. There will also be oversized storm sewer stubs placed at the property lines of the site on the north and east in order to accommodate future offsite development without disturbing any of the improvements on the parking facility site.

This work will require that a Stormwater Management Report and submittal be made in conformance with the DuPage County Stormwater and Flood Plain Ordinance.

- Task 4
Coordination with the Village of Downers Grove and Christopher B. Burke Engineers, Ltd. for the Stormwater Management Submittal. This work will include phone coordination and attending meetings with both the Village and CBBEL, in order to insure that there is coordination between the CML Stormwater Management Submittal for the Parking Facility and the CBBEL Drainage Study of the CBD.
- Task 5
Provide Construction Phasing Plans in coordination with the Village of Downers Grove. This work will involve all necessary plans, details and schedules in order to facilitate the proper operation of the project site and the surrounding area during construction. This work includes offsite traffic control, offsite pedestrian traffic control, and offsite temporary connection of storm sewer during construction.

ADDITIONAL FEE

Additional Services

Total= \$ 25,500.00

Payment for the above mentioned work shall be due upon receipt of an invoice. In the event that any invoice is not paid within thirty days, it shall commence bearing interest from the date of the invoice at the rate of 18% annually and CLIENT agrees to pay all interest together with the invoiced amount for services rendered. In addition to the hourly rates for professional services, expenses for any outside costs such as reproducibles, prints, and delivery charges will be billed to you at cost plus a 10% handling fee.

The items listed above are either completed or underway. Please forward written authorization as soon as possible. If the above information is satisfactory to you, please sign and return one copy to me at your earliest convenience.

CLIENT AUTHORIZATION:

Signature: _____

Title: _____

Date: _____

Sincerely,
C. M. Lavoie and Associates, Inc.



Christopher M. Lavoie, P.E.
Principal

COUNCIL WORKSHOP ITEM

8/14/01
8/21:
Approved by
Consent Agenda

ITEM:

CBD Parking Deck— proposal from C. M. Lavoie and Associates, Inc. for the Civil Engineering work associated with the CBD Parking Deck August 7, 2001

DATE:

PREPARED BY:

John J. Bajor, Jr., Director of Public Works

PURPOSE:

To request that a motion for approval of a proposal from C. M. Lavoie and Associates, Inc. for the Civil Engineering Work associated with the CBD Parking Deck in the amount of \$53,500.00 be placed on the 8-21-01 Consent Agenda

DISCUSSION:

The schematic design and design development phases of the CBD parking deck have progressed to ultimately define the civil site work associated with the parking deck. These design concepts include the design of the vehicular accesses from Curtiss and Washington Streets, the pedestrian access from Main Street, and associated utilities. Desman Associates, Inc. is responsible for the site and utility work for the deck footprint and a 5-foot surrounding perimeter.

Desman Associates, Inc. is employing C. M. Lavoie and Associates, Inc., a Downers Grove civil engineering, land planning and surveying firm, to design the civil site portion of Desman's work. For project continuity, staff solicited a proposal from C.M. Lavoie and Associates, Inc. to design the ancillary work for the Village.

Municipal references for similar work performed by C.M. Lavoie and Associates, Inc. have been researched with satisfactory results. The Village Legal Department has reviewed the proposal and found the language acceptable.

ATTACHMENT:

The proposal is attached.

RECOMMENDATION:

Staff recommends that Council place a motion on the 8-21-01 Consent Agenda to approve the proposal from C. M. Lavoie and Associates, Inc. for the Civil Engineering work associated with the Central Business District Parking Deck, in the not-to-exceed amount of \$53,500.00.



C.M. Lavoie & Associates, Inc.

Consulting Civil Engineering

Land Planning & Surveying

633 Rogers Street

Downers Grove, Illinois 60515

voice 630-434-2780

fax 630-434-2781

July 16, 2001

Ms. Jane Gerdes, Senior Engineer
Village of Downers Grove
5101 Walnut Avenue
Downers Grove, Illinois 60517-4074

Subject: Request For Proposal, Downers Grove Parking Structure

Ms. Gerdes,

C. M. Lavoie and Associates, Inc. is under the understanding that we have been chosen to provide these services to the Village of Downers Grove. We are pleased to submit our proposal for the above mentioned project that includes the scope of work, project approach and fee. Enclosed are three (3) original of our proposal. We have thoroughly reviewed the request and are confident that you will find our proposal and staff an excellent match for the services you require.

To expedite this project C. M. Lavoie is more than willing to proceed with the preliminary work required for this project with verbal authorization, while awaiting formal authorization from the Village Council.

We have undertaken many projects within the Village of Downers Grove in the past and have always had an excellent working relationship with the staff.

If the proposal is acceptable to the Villages of Downers Grove please sign and return one (1) complete set of the proposal package. Please keep the other two (2) for your files.

Should you have any questions or need additional information, please contact Charles D. Collett or me.

Sincerely,

C. M. Lavoie and Associates, Inc.

A handwritten signature in black ink, appearing to read 'Chris Lavoie', is written over a horizontal line.

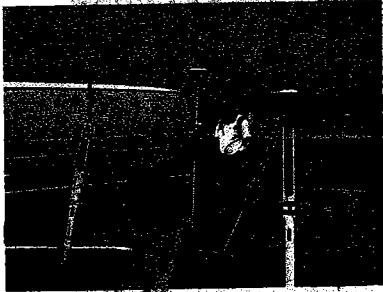
Christopher M. Lavoie, P.E.

Principal

Enclosures

C. M. Lavoie & Associates, Inc.

VILLAGE OF DOWNERS GROVE REQUEST FOR PROPOSAL PARKING STRUCTURE, ACCESS ROAD AND UTILITIES



CONSULTING
CIVIL ENGINEERING
& SURVEYORS

TABLE OF CONTENTS

1. INTRODUCTION

- A. INTRODUCTION
- B. C. M. LAVOIE AND ASSOCIATES, INC. BACKGROUND

2. PROFESSIONAL SERVICES

- A. SCOPE OF WORK

3. PROJECT EXPERIENCE

4. PROJECT STAFFING

- A. PROJECT TEAM
- B. RESUMES
- C. REFERENCES

5. EQUIPMENT AVAILABLE

6. CERTIFICATE OF INSURANCE

7. PROPOSAL



INTRODUCTION

CORPORATE OFFICE

C. M. Lavoie and Associates, Inc.
633 Rogers Street
Downers Grove, Illinois 60515
Phone: 630/434-2780
Fax: 630/434-2781
E-mail: cml@cmlavoie.com
Internet Address: www.cmlavoie.com

CONTACTS

Christopher M. Lavoie, P.E., Principal
Michael D. Cook, P.E.
Charles D. Collett, Development Manager

PROFESSIONAL SERVICES

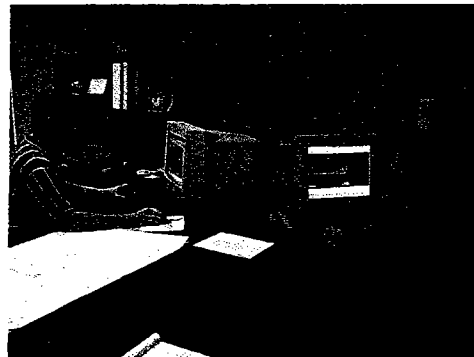
- Motor Fuel Tax Projects
- Motor Fuel Accounting Procedures
- Metropolitan Water Reclamation District of Greater Chicago
- Illinois Department of Transportation
Local Roads Division
- Illinois Environmental Protection Agency
- Municipal Projects
- Municipal Budgeting
- Utility Capacity Analysis
- Municipal Engineering
- Municipal Meetings
- Transportation and Traffic Engineering
- Construction Management
- Project Bidding
- Surveying
- Feasibility Studies
- Infrastructure Improvements
- GPS/GIS Mapping
- Storm Water Management
- Plan Checking and Reviews
- Site Engineering
- Professional Legal Testimony

PRINCIPAL

Christopher M. Lavoie P.E., Principal

PROFESSIONAL REGISTRATIONS

Illinois - # 62-049582
Indiana - # 19900174
Michigan - # 62-01044847
Wisconsin - # 31314
Kansas - # 148919
Ohio - # PE-056373-E



C. M. Lavoie and Associates, Inc.

FIRM BACKGROUND

Established and incorporated in 1994, C. M. Lavoie and Associates, Inc. has a tradition of providing comprehensive engineering solutions for highly technical and complex situations. These situations range from municipal engineering, plan reviews, municipal meetings, utility capacity analysis, transportation/traffic, site engineering, surveying, feasibility studies, construction management, storm water management, water projects, motor fuel tax projects and funding, GPS/GIS and other facets as required by our clients. Our clients consist of municipalities, developers, business owners, residents and other governmental agencies. We are pre-qualified by Illinois Department of Transportation for all facets of engineering.

C. M. Lavoie and Associates, Inc. has an full complement of dedicated employees which includes engineers, technicians, surveyors and administrative assistants. C. M. Lavoie and Associates, Inc. is dedicated to provide innovative yet responsible municipal engineering which includes project design and management, while insuring the quality of all projects produced. C. M. Lavoie and Associates, Inc. takes great pride in our responsiveness, public relations and coordination with all clients no matter the size of a project. Project quality control, service and public relations are a high priority with C. M. Lavoie and Associates, Inc. and are never sacrificed. C. M. Lavoie and Associates, Inc. excellent performance and reputation among all clients are due to the dedication of staff to always provide the best possible service at the most reasonable cost practicable.



C. M. Lavoie and Associates, Inc.

SCOPE OF WORK

INITIAL KICKOFF MEETING

An initial meeting will be held with C. M. Lavoie and Associates, Inc. and the Village of Downers Grove to obtain all materials required for use in the project analysis and design. This will provide an introductory meeting with both parties to become familiar with all personnel that will be involved in this project. At this meeting, a discussion of the timeline, staffing, and any special concerns or requirements will take place.

ANALYSIS AND COMPILATION OF DATA

C. M. Lavoie and Associates, Inc. will take all supplied data and perform the analysis and design as required and agreed to by the Village of Downers Grove and C. M. Lavoie and Associates, Inc.. The agreement will provide for the following:

- Coordinate all work with the Village and their Consultants.
- Preparation of detailed design drawings and specifications showing proposed parking structure, detention facility, access road, streetscape improvements and utility construction.
- Provide survey crew to obtain any missing data or to verify data that was furnished by the Village to perform the analysis and design.
- Identify utility conflicts or modifications required for the proposed improvements.
- Perform a storm water management analysis in accordance with local requirements for the development.

SUBMIT PRELIMINARY DRAWINGS AND SPECIFICATIONS FOR REVIEW

C. M. Lavoie and Associates, Inc. will submit comprehensive preliminary engineering design drawings and specifications for review by appropriate Village departments and personnel. (Answer any questions regarding material submitted)



SCOPE OF WORK (continued)

REVISE DESIGN DRAWINGS AND SPECIFICATIONS

C. M. Lavoie and Associates, Inc. will revise the design and specifications drawings in accordance with Village staff's review comments.

SUBMIT FINAL DESIGN

C. M. Lavoie and Associates, Inc. will submit the final design and all copies necessary to comply with the Village's requirements (7 sets). The final design and specification will be submitted in hard copy and digital format. This will include the drawings and the text used to publish the specifications and bid documentation.

CONSTRUCTION ADMINISTRATION

The staff at C. M. Lavoie and Associates, Inc. will be available for any consultations required by the Village in regard to the design and specifications.

IF REQUIRED

C. M. Lavoie and Associates, Inc. will set up and attend resident/business informational meetings as required by the Village to keep the residents/businesses informed of the design, specifications and construction staging.



SIMILAR PROJECT EXPERIENCE

REGIONAL UTILITY DESIGN STUDY: Lemont, Illinois

C. M. Lavoie and Associates, Inc. performed a comprehensive design study and analysis of a regional sanitary sewer and water main extension in the Village of Lemont. Responsibilities included: treatment plant capacity analysis, regional feasibility study and design alternatives to reduce flows tributary to the Chickasaw Hills Treatment Facility, cost analyses, lift station design alternatives, and land title investigations for the proposed utilities. Liaison with governmental agencies and sub consultants to develop a comprehensive utility master plan.

REGIONAL STORM WATER MANAGEMENT FACILITY: Romeoville, Illinois

C. M. Lavoie and Associates, Inc. performed a comprehensive design and analysis of a regional storm water management facility for a 87 acre commercial land development project. Responsibilities include, land planning, storm water management design, modeling, flood plain mitigation, quality assurance of final engineering plans specifications, and earthwork analysis. Liaison with municipal agencies and sub consultants to develop a multiphase facility.

WAUKEGAN ROAD CORRIDOR IMPROVEMENTS: Morton Grove, IL., 2000-2001,

Charles D. Collett was the Project Manager for downtown TIF redevelopment project. Responsibilities total project management included This project included all new curb / gutter, sidewalk, water mains, special lighting, and streetscape designed by Lakota Group. Still under construction at this time.

STILLWATER PLACE: Naperville, Illinois

C. M. Lavoie and Associates, Inc. performed a comprehensive Managing Principal for the design and construction of a 10.0 acre site with retail/office buildings, parking facilities, and a comprehensive storm water management system. A traffic analysis was performed to design drive-thru windows and interconnected parking facilities. Responsibilities included land planning, storm water management design, modeling, complete final engineering plans and specifications, earthwork analysis and construction management services. Liaison with multiple clients, architectural design team, municipal agencies and sub consultants to develop the 10.0 acre site.

SUMMIT STREET RECONSTRUCTION: City of Wheaton, Illinois

Project Manager for the design and reconstruction of an off-site residential street for a proposed residential development. Responsibilities included overseeing design engineers, coordinating office work and implementation of program during construction. Worked directly with representatives from the City of Wheaton.



SIMILAR PROJECT EXPERIENCE (continued)

VIDEO INSPECTION PROGRAM: Morton Grove, Illinois

Charles D. Collett developed a comprehensive video inspection and review program the Village. This program included the video inspection, review and recommended corrective action for over 50,000 l.f. of sewer lines yearly. Responsibilities included development of the program, preparation of the plans and specifications, the preparation and presentation of the resolution to award contract by the village board, project management, review of data received, establish repair process and procedures, establish cost estimates, prepare repair implementation schedule, final balancing paperwork with resolution to the board.

SCHOOL STREET, HARMS ROAD, GEORGIANA AVENUE, SMITHWOOD DRIVE RECONSTRUCTION PROJECTS: Morton Grove, Illinois.

Prepared engineering surveying and design for the reconstruction of residential streets in the Village of Morton Grove. Responsibilities included, utility studies, topographic surveying, engineering design, and construction of the complete infrastructure. Construction supervision and quality assurance of final engineering plans specifications was also included. Liaison with Metropolitan Water Reclamation District, Village of Morton Grove, and residents to reconstruct the entire right of way.

PIPE BURSTING PROGRAM : Morton Grove, Illinois

Charles D. Collett developed a comprehensive program for the Sewer Pipe Bursting and Replacement Program yearly. Responsibilities included development of the program, develop budget costs, preparation of the plans and specifications, the preparation and presentation of the resolution to award contract by the village board, project management, final balancing paperwork with resolution to the board.

THE RESERVE OF NAPERVILLE: Naperville, Illinois

Project Manager of an approximate 10 acre residential development located along Book Road in Naperville. Responsibilities included hydraulic and hydrologic evaluation of 800 acre upstream watershed to determine flood plain elevation for development. Ongoing liaison with permitting agencies which include both the City of Naperville and Illinois Department of Natural Resources for approvals.

More project experience listings available upon request.



PROJECT TEAM

The following pages list our key personnel who will be involved in this project for the Village of Downers Grove. This list is only a list of key personnel. C. M. Lavoie and Associates, Inc. will allocate our entire team as necessary to provide the Village with personal and professional services.



C. M. Lavoie and Associates, Inc.

Christopher M. Lavoie, P.E.
Principal

Mr. Lavoie has over twenty years experience in facilities engineering, civil engineering, commercial and residential land development, and municipal projects. As a design and managing principal, Mr. Lavoie has directed numerous projects including regional stormwater management facilities, utility capacity analysis, schools, corporate and commercial facilities, retail centers, municipal projects, gymnasiums, medical and parking facilities. Mr. Lavoie is also responsible for the technical quality of the consulting engineering services and oversees the technical staff to ensure the design work is accurate, cost effective, and on time. He works closely with both the clients and governing authorities to obtain the best solutions to complex engineering issues. He has extensive experience in stormwater management analysis, project planning and budgeting, floodplain mitigation, municipal permitting, and facilities engineering.

Regional Stormwater Management Facility: Romeoville, Illinois
Managing Principal for the design and analysis of a regional stormwater management facility for a 87 acre parcel in the Village of Romeoville. Responsibilities included: land planning, stormwater management design, utility modeling, floodplain mitigation, quality assurance of final engineering plans specifications, and earthwork analysis. Liaison with governmental agencies and subconsultants to develop a multiphase facility.

Regional Utility Design Study: Lemont, Illinois
Managing Principal for the design study and analysis of a regional sanitary sewer and watermain extension in the Village of Lemont. Responsibilities included: treatment plant capacity analysis, regional feasibility study and design alternatives to reduce flows tributary to the Chickasaw Hills Treatment Facility, cost analyses, lift station design alternatives, and land title investigations for the proposed utilities. Liaison with governmental agencies and subconsultants to develop a comprehensive utility master plan.

Stillwater Place: Naperville, Illinois
Managing Principal for the design and construction of a 10.0 acre site with retail/office buildings, parking facilities, and a comprehensive stormwater management system. A traffic analysis was performed to design drive-thru windows and interconnected parking facilities. Responsibilities included land planning, stormwater management design, modeling, complete final engineering plans and specifications, earthwork analysis and construction management services. Liaison with multiple clients, architectural design team, municipal agencies and subconsultants to develop the 10.0 acre site.

School Street, Harms Road, Georgiana Avenue, Smithwood Drive Reconstruction Projects: Morton Grove, Illinois.
Managing Principal for the final engineering design and reconstruction of residential streets in the Village of Morton Grove. Responsibilities included, utility studies, topographic surveying, engineering design, and construction of the complete infrastructure. Construction supervision and quality assurance of final engineering plans specifications was also included. Liaison with Metropolitan Water Reclamation District, Village of Morton Grove, and residents to reconstruct the entire right of way.

Education

B.S. Civil Engineering
Manhattan College, 1982

A.S. Architecture
Dutchess College, 1978

Registrations

Professional Engineer,
Illinois, Wisconsin, Kansas, Michigan,
Indiana, Pennsylvania, Ohio

Specialties

Utility Capacity Analysis
Land Planning
Highway Road/Design
Stormwater Management
Hydrology/Hydraulics
TR-20, TR-55, Pond 2, HEC-1, HEC-2,
WSPRO, XP-SWMM,
Autocad Release 14,
Softdesk 8, Pacsoft,
Paydirt

Professional Affiliations

American Society of Civil Engineers.
American Consulting Engineers
Council of Illinois
Illinois Association for Floodplain and
Stormwater Management.
American Public Works Association

Michael D. Cook, P.E.
Senior Project Manager

Mr. Cook has over eight years experience on a variety of civil engineering improvement projects including the design of private commercial/residential developments, stormwater management facilities, and feasibility studies throughout the Chicagoland Area and Midwestern United States. He has extensive experience in stormwater management analysis, sewer sizing, flow calculations, municipal permitting and land planning. His duties include project management, permitting, zoning and council hearings, land planning, civil engineering design, quality assurance and control, construction assistance and cost analysis of projects.

The Reserve of Naperville: Naperville, Illinois
Project Manager of an approximate 10 acre residential development located along Book Road in Naperville. Responsibilities included hydraulic and hydrologic evaluation of 800 acre upstream watershed to determine floodplain elevation for development. Ongoing liaison with permitting agencies which include both the City of Naperville and Illinois Department of Natural Resources for approvals.

Summit Street Reconstruction: City of Wheaton, Illinois
Project Manager for the design and reconstruction of an offsite residential street for a proposed residential development. Responsibilities included overseeing design engineers, coordinating office work and implementation of program during construction. Worked directly with representatives from the City of Wheaton.

Painted Lakes Subdivision: Village of Lake Villa, Illinois
Project Engineer for an approximate 100 acre single family residential development located in Lake Villa. Responsibilities included hydraulic analysis of future watermain system to service the proposed development. Analyses included fire flow and pressure calculations utilizing hydraulic software along with pump sizing for future water tower to be located on the site.

METRA Parking Facility: Village of Roselle, Illinois
Resident Engineer for a new commuter parking facility located on Gary Avenue in Roselle. Responsibilities included construction supervision and testing services, Quality control and assurance of the construction specifications and liaison with METRA, Cook County, IDOT/DNR and other applicable municipal agencies and subconsultants.

Homan Square: City of Chicago, Illinois
Resident Engineer for a government subsidized multi-family residential development located on Homan Avenue in the City of Chicago. Responsibilities included evaluation and inspection of existing sewer facilities along with overseeing the contractor during the installation of the proposed sewer system. Quality control and assurance for both sewer system and pavement to satisfy construction specifications.

Education

BS / Civil Engineering
Purdue University/1992
West Lafayette, IN

Registrations

Professional Engineer,
Illinois and Indiana

Specialties

Stormwater Management
Hydrology/Hydraulics
Land Planning
Highway Road/Design

TR-20, Pondpack 7.0, HEC-1,
HEC-2, WSPRO, XP-SWMM,
Cybernet, Microstation /J,
Autocad Release 2000i,
Land Development Desktop R2,
Paydirt, Watercad

Charles D. Collett
Development Manager

Mr. Collett has over twenty-seven years experience in the field of Public Works/Engineering. His experience has covered a wide range of civil engineering projects including the design of private, commercial/residential developments, and roadway design throughout the Chicagoland Area, Western and Midwestern United States. He has extensive experience in municipal/IDOT permitting and planning. His duties include act as liaison between governmental agencies, utility companies, public, project management, permitting, Council/Board hearings, civil engineering design, quality assurance and control, construction assistance, project management from inception to completion and cost analysis of projects.

Special Skills: Mr. Collett's past job experiences included employment as an Resident Engineer, Engineer Assistant and a Director of Public Works for an Illinois Municipality. His numerous years in the public sector have provided him with the understanding of the special needs and requirements of municipalities. Including the dealing with other governmental agencies.

Video Inspection Program: Morton Grove, IL 1993-2000, Project Manager and Design Engineer for the video inspection and data review of over 50,000 l.f. of sewer lines every year. Responsibilities included development of the program, preparation of the plans and specifications, the preparation and presentation of the resolution to award contract by the village board, project management, review of data received, establish repair process and procedures, establish cost estimates, prepare repair implementation schedule, final balancing paperwork with resolution to the board.

Pipe Bursting Program : Morton Grove, IL, 1997-1999 , Project Manager and Design Engineer for the Sewer Pipe Bursting and Replacement Program yearly. Responsibilities included development of the program, develop budget costs, preparation of the plans and specifications, the preparation and presentation of the resolution to award contract by the village board, project management, final balancing paperwork with resolution to the board.

Street Resurfacing / Reconstruction Programs : North Chicago, Libertyville, Deerfield and Morton Grove, IL, 1989-2001, Resident Engineer, Project Manager and Design Engineer for the Street Resurfacing / Reconstruction Programs. Responsibilities included metric design of centerline alignment and horizontal geometry utilizing Microstation for Illinois Route 64 and all arterial streets per Phase I Study provided by the Illinois Department of Transportation.

Waukegan Road Corridor Improvements: Morton Grove, IL., 2000-2001, Project Manager for downtown TIF redevelopment project. Responsibilities total project management included This project included all new curb / gutter, sidewalk, water mains, special lighting, and streetscape designed by Lakota Group. Still under construction at this time.

Registrations

Class "C" Water Operators License

Memberships

American Society of Civil Engineers
American Public Works Association
American Water Works Association

Special Courses

Time Management
IDOT Pavement Maintenance
IDOT Documentation
IDOT Snow and Ice Removal
IDOT Rehabilitating of Urban Streets
Asphalt Institute- Pavement Maintenance
Traffic Institute- Traffic Control Devices
Traffic Institute- Traffic and Transportation Engineering

Specialties

Public Works Planning and Management
Construction Project Management
Municipal Budgeting
Motor Fuel Tax Funding
Motor Fuel Tax Projects
Municipal Street Programs
Municipal Water Programs
Municipality Systems Analysis
Public Realitions

James W. Putnam, E.I.T.
Project Engineer

Mr. Putnam has nearly five years experience on a variety of civil engineering improvement projects including the design of private commercial/residential developments, stormwater management facilities, and feasibility studies throughout the Chicagoland and Western Illinois Area. He has experience in stormwater management analysis, pavement design, sewer sizing, flow calculations, and municipal permitting. His duties include project management, permitting, civil engineering design, quality assurance and control, construction assistance and cost analysis of projects..

Harms Road : Morton Grove, IL, Project engineer for the road improvement project. Responsibilities included assisting in the redesign and rehabilitation of the existing roadway, which included project research, utility redesign, cost analysis and meetings with the Village of Morton Grove Public Works Department.

Prairie Glen Subdivision : Wheaton, IL, Project Engineer for the design of the proposed 17 Lot Site. Responsibilities included assisting in the roadway, utility and detention basin layout for the proposed subdivision, connections of the proposed roadway to the existing roadways along the project, IEPA and municipal permitting agencies.

Menard, Inc. : Morton Grove, IL, Project Engineer for the design of the proposed 17 acre site. Responsibilities included the demolition and reconstruction of the existing commercial development, utility and grading layout, underground concrete storm trap detention system, construction of a new roadway to service both the parking lot and storage yard areas, MWRD, IEPA, IDOT and municipal permitting agencies.

U-Haul International, Inc.: Unincorporated Will County, IL, Project Engineer for the design of the 10 acre storage facility site. Responsibilities included the utility and grading layout, slotted drain storm sewer system through out the proposed parking lot, septic sewer system and detention basin layouts, Will County Health Department, IDOT and municipal permitting agencies.

Robert Morris College : Orland Park, IL, Project Engineer for the design of the proposed 5 acre site. Responsibilities included the demolition and reconstruction of the existing commercial development, utility, grading and detention basin layout, MWRD, IEPA and municipal permitting agencies.

Education

BS / Civil Engineering
University of Illinois/1996
Champaign, IL

Registrations

Engineer in Training

Specialties

Land Planning
Highway Road/Design
Autocad Release 2000,
Softdesk 8,
Stormwater Management
Hydrology/Hydraulics
TR-20, TR-55, Pondpack 7.0,
Paydirt, Watercad, Stormcad.

Robert W. Stasik, I.P.L.S
Director of Surveying

Mr. Stasik has over 30 years of experience in the field of land surveying. He has completed boundary, topographic and route surveys to both Illinois Land Survey Standards and the American Land Title Association (ALTA) Standards, subdivision design and construction layout. His experience includes supervision of up to ten survey crews and their support staff, resolution of daily problems, scheduling, establishment of quality control procedures, research, and expert testimony in court and at public hearings. He has been an adjunct faculty member, as well as, an advisor to the Construction Technology Advisory Board at Triton College.

Illinois Department of Transportation: Route 53 - Maple Avenue to Burlington Avenue; Illinois Route 172 - Starr Road to Illinois Route 92; Intersections of York Road and Green Street in Bensenville, Illinois; and Irving Park Road and Roselle Road in Roselle, Illinois. These projects included centerline determination, R.O.W. determination and platting, R.O.W. stakings, deed and easement to Department standards.

Municipal Projects: Complete boundary, topographic mapping, aerial control for both roadway and wastewater facilities in Bartlett, Bensenville, Roselle, Oak Brook, Wood Dale and West Chicago, Illinois.

United States Postal Service: Complete boundary and topographic survey of main facility at Polk Street and Canal Street in Chicago (a multilevel facility which included railroad and ramp locations, tunnel air shafts and air rights), and other facilities in Cary, Aurora and Lincolnshire, Illinois.

Streets: Scope of work included centerline determination and layout, complete topography, right of staking, easements, construction staking and supervision. Projects included: Western Avenue, Hickory Avenue, Eastern Avenue, Main Street, Oak Avenue, Berteau Avenue, Crest Avenue, Marion Avenue in Bartlett, Illinois, Church Road, Green Street, York Road, and Jefferson in Bensenville, Illinois, Maple Avenue, Irving Park Road, Bloomingdale Avenue, and Central Avenue in Roselle, Illinois, Boughton Road in Bolingbrook, Illinois, Washington Street, West Street, Main Street, Naper Boulevard and Aurora Road in Naperville, Illinois, York Road, 31st Street, Winfield Road in Du Page County, Illinois.

Geodetic Surveys: Global Positioning System Projects using the Trimble 4800 Integrated System which integrates both GPS and total station capabilities for completion of all phases of a project. This work included hydrological, boundary and topographic surveying for public and private sectors.

Education

University of Illinois, Chicago
University of Texas, El Paso
College of DuPage

Registrations

Professional Land Surveyor, Illinois
Registration Date : 11/24/76

Affiliations

Illinois Professional Land Surveyor's Association
American Congress of Surveying and Mapping
National Society of Professional Surveyors

Specialties

Land Surveying
Surveying Law
A.L.T.A. / A.C.S.M. Surveys
Boundary Surveys
Topographic Surveys
Construction Surveying
Autocad Release 2000i,
Land Development Desktop
Softdesk 8, Pacsoft.

REFERENCES

C. M. LAVOIE AND ASSOCIATES, INC.

City of Naperville

Dick Dublinski, P.E.
Department of Transportation and Engineering
400 South Eagle Street
Naperville, Illinois 60566-7020
630/548-2959

City of Naperville

William Novack, P.E.
Design Engineer Manager
Department of Transportation and Engineering
400 South Eagle Street
Naperville, Illinois 60566-7020
630/420-6704

Village of Morton Grove

Larry Arft, Village Administrator
6101 Capulina Avenue
Morton Grove, Illinois 60053
847/470-5235

Village of Bartlett

Mr. George W. Wentworth, P.E.
Municipal Engineer, Pavia-Marting & Co.
910 Lake Street
Roselle, Illinois 60172
630/529-8000

Village of Oak Brook

Mr. Dale Durfey, P.E.
Village Engineer
1200 Oak Brook Road
Oak Brook, Illinois 60521

City of Wheaton

Mr. Tyler Ferguson, P.L.S.
303 West Wesley Street
Wheaton, Illinois 60187
630/260-2066

City of Des Plaines

Mr. Howard A. Killian P.E.
Director of Public Works
1111 Joseph Schwav Road
Des Plaines, Illinois 60016
847-391-5460

Village of Downers Grove

Mr. Jack Bajor
Director of Public Works
5101 Walnut Avenue
Downers Grove, Illinois 60515
630-434-5486

J Alexander's Corporation

Mr. Ronald Farmer
Vice President
3401 West End Avenue, Suite 260
Nashville, Tennessee 37202
615-269-1912

More references available upon request.



C. M. Lavoie and Associates, Inc.

EQUIPMENT AVAILABLE

C. M. Lavoie and Associates, Inc. has up to date equipment on site which will be available to process and handle all needs and requirements of the Village, which includes:

Surveying Equipment and Software

1. Trimble 4800 Base Antenna for GPS (one)
2. Trimble 4700 Receivers for GPS (two)
3. Software: Trimble Geometrics Office for GPS
4. Pentax PCS 315 Electronic Total Station (one)
5. Nikon DTM 550 Electronic Total Station (one)
6. Pentax Automatic Levels (two)
7. Hewlett Packard Data Collectors (two)
8. TDS Data Collection Software

Computer Equipment and Software

1. Personal Computers and Monitors (seventeen)
2. Lexmark Optra R Laser Jet Printer
3. Lexmark Laser Jet
4. Hewlett Packard Design Jet 750 C Plus Plotter
5. Epson 1520 Color Printer
6. OCE 7050 Plan Copier
7. CSPRO Copier
8. Autocad 2000 (Design Software)
9. Land Development Desktop
10. WordPro (Word Processing)
11. Excel (Spreadsheets)
12. Lotus Approach (Data Base)
13. Lotus (Spreadsheets)
14. Adobe PageMaker (Presentations)
15. Wind2FMS (Accounting)
16. Day-Timer Organizer 2000 (Scheduler)
17. Microsoft Outlook (E-Mail)
18. Paydirt (Earthwork Software)



ACORD CERTIFICATE OF LIABILITY INSURANCE

OP ID EX
CMLAV-1
DATE (MM/DD/YY)
08/01/01

PRODUCER
M.G. Welbel & Associates, Inc.
Michael Welbel
633 Skokie Blvd., Suite 470
Northbrook IL 60062
Phone: 847-412-1414 Fax: 847-412-1013

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURERS AFFORDING COVERAGE

INSURED

C.M. Lavoie & Associates, Inc.
Julie Lavoie
633 Rogers St.
Downers Grove IL 60515

INSURER A: American Manufacturers Mutual
INSURER B: American Manufacturers Mutual
INSURER C: Lumbermens Mutual Casualty Co.
INSURER D:
INSURER E:

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS

INSR LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY CLAIMS MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC	7RE 665 370-01	08/10/01	08/10/02	EACH OCCURRENCE \$ 1,000,000
					FIRE DAMAGE (Any one fire) \$ 100,000
					MED EXP (Any one person) \$ 10,000
					PERSONAL & ADV INJURY \$ 1,000,000
					GENERAL AGGREGATE \$ 2,000,000
					PRODUCTS - COMP/OP AGG \$ 2,000,000
A	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	7RE 665 370-01	08/10/01	08/10/02	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
					BODILY INJURY (Per person) \$
					BODILY INJURY (Per accident) \$
					PROPERTY DAMAGE (Per accident) \$
	GARAGE LIABILITY <input type="checkbox"/> ANY AUTO				AUTO ONLY - EA ACCIDENT \$
					OTHER THAN EA ACC \$
					AUTO ONLY: AGG \$
	EXCESS LIABILITY <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> DEDUCTIBLE <input type="checkbox"/> RETENTION \$				EACH OCCURRENCE \$
					AGGREGATE \$
					\$
					\$
					\$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY	7BH 076001-01	08/10/01	08/10/02	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER
					E L EACH ACCIDENT \$ 500,000
					E L DISEASE - EA EMPLOYEE \$ 500,000
					E L DISEASE - POLICY LIMIT \$ 500,000
C	OTHER Professional Liab	QL 000445-00	03/01/00	03/01/03	Per Claim 500,000
					Aggregate 1,000,000

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS
 Re: Downtown Redevelopment & Parking Facility.
 Village of Downers Grove is included as additional insured as respects GL coverage.

CERTIFICATE HOLDER Y **ADDITIONAL INSURED; INSURER LETTER:** A **CANCELLATION**

VILDOWN

 Village of Downers Grove
 5101 Walnut Av.
 Downers Grove IL 60515

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES
 AUTHORIZED REPRESENTATIVE
 Michael G. Welbel *Michael G. Welbel*

Certificate of Insurance

<p style="text-align: center; font-size: small;">Agency Name and Address:</p> <p>M. G. Welbel and Associates, Inc. 633 Skokie Blvd., Suite 470 Northbrook IL 60062 <small>847 412-1414 Fax: 847 412-1013</small></p>	<p>THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED THE POLICIES LISTED BELOW.</p>
<p style="text-align: center; font-size: small;">Insureds Name and Address:</p> <p>C.M. LAVOIE & ASSOCIATES, INC. 633 Rogers St. Downers Grove IL 60515</p>	<p style="text-align: center; font-size: small;">Companies Affording Policies:</p> <p>A. AMERICAN MANUFACTURERS B. AMERICAN MANUFACTURERS C. D. AMERICAN MANUFACTURERS E. LUMBERMENS MUTUAL CASUALTY COMPANY (LMC) F.</p>

COVERAGES: THIS IS TO CERTIFY THAT POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN. THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS, AND CONDITIONS OF SUCH POLICIES.

TYPE OF INSURANCE	POLICY NUMBER	EFF. DATE	EXP. DATE	POLICY LIMITS
<p>GENERAL LIABILITY</p> <p><input checked="" type="checkbox"/> Commercial General Liabilit</p> <p><input type="checkbox"/> Claims Made</p> <p>A. <input checked="" type="checkbox"/> Occurrence</p> <p><input type="checkbox"/> Owner's and Contractors Protective</p> <p><input type="checkbox"/></p> <p>AUTO LIABILITY</p> <p><input type="checkbox"/> Any Automobile-</p> <p><input type="checkbox"/> All Owned Autos</p> <p><input type="checkbox"/> Scheduled Autos</p> <p>B. <input checked="" type="checkbox"/> Hired Autos</p> <p><input checked="" type="checkbox"/> Non-owned Autos</p> <p><input type="checkbox"/> Garage Liability</p> <p><input type="checkbox"/></p> <p>EXCESS LIABILITY</p> <p>C. <input type="checkbox"/> Umbrella Form</p> <p><input type="checkbox"/> Other than Umbrella Form</p> <p>WORKERS' COMPENSATION AND EMPLOYERS' LIABILITY</p> <p>D.</p> <p>PROFESSIONAL LIABILITY*</p> <p>E.</p> <p>F.</p>	<p>7RE665370-00</p> <p>7RE665370-00</p> <p>7BH076001-00</p> <p>QL000445-00</p>	<p>08/10/2000</p> <p>08/10/2000</p> <p>08/10/2000</p> <p>03/01/2000</p>	<p>08/10/2001</p> <p>08/10/2001</p> <p>08/10/2001</p> <p>03/01/2003</p>	<p>General Aggregate: \$2,000,000</p> <p>Products-Cor/Ops Aggregate: \$2,000,000</p> <p>Personal and Adv. Injury: \$1,000,000</p> <p>Each Occurrence: \$1,000,000</p> <p>Fire Dmg. (any one fire): \$100,000</p> <p style="text-align: right;">\$0</p> <p>Combined Single Limit: \$1,000,000</p> <p>Bodily Injury/person: \$1,000,000</p> <p>Bodily Injury/accident: \$1,000,000</p> <p>Property Damage: \$1,000,000</p> <p>Each Occurrence: \$500,000</p> <p>Aggregate: \$500,000</p> <p>Statutory Limits</p> <p>Each Accident: \$500,000</p> <p>Disease/Policy Limit: \$500,000</p> <p>Disease/Employee: \$500,000</p> <p>Per Claim: \$500,000</p> <p>Aggregate: \$1,000,000</p>

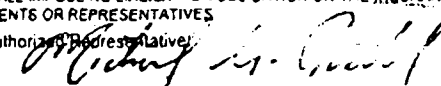
Description of Operations/Locations/Vehicles/Restrictions/Special Items:

All operations of the named insured including the following project:

Downtown Redevelopment & Parking Facility.

Village of Downers Grove is included as additional insured as respects GL coverage

*Written at aggregate limits of liability not less than amount shown.

<p style="text-align: center;">Certificate Holder:</p> <p>VILLAGE OF DOWNERS GROVE 5101 Walnut Av. Downers Grove IL 60515</p>	<p style="font-size: x-small;">THE AGGREGATE LIMIT IS THE TOTAL INSURANCE AVAILABLE FOR CLAIMS PRESENTED WITHIN THE POLICY FOR ALL OPERATIONS OF THE INSURED.</p> <p style="text-align: center;">CANCELATION:</p> <p style="font-size: x-small;">SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY, ITS AGENTS OR REPRESENTATIVES WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO LIABILITY OR OBLIGATION ON THE INSURANCE COMPANY, ITS AGENTS OR REPRESENTATIVES.</p> <p>Authorized Representative:  08/01/01 mgw</p>
--	---

cc:



C.M. Lavoie & Associates, Inc.
Consulting Civil Engineering
Land Planning & Surveying
633 Rogers Street
Downers Grove, Illinois 60515
voice 630-434-2780
fax 630-434-2781

July 17, 2001

Ms. Jane Gerdes
Senior Engineer
Village of Downers Grove
5101 Walnut Avenue
Downers Grove, Illinois 60517-4074

RE: Professional Services
Multilevel Parking Facility
Downers Grove, IL

Dear Ms. Gerdes,

C. M. Lavoie & Associates Inc. (CML) has prepared this proposal to provide professional engineering services on the above referenced site. The Understanding of the Assignment is described as follows, along with our Scope of Work and Fee Schedule.

UNDERSTANDING OF THE ASSIGNMENT

As we understand, the Village of Downers Grove (CLIENT) is desirous to construct a Multilevel Parking Facility located south of Curtiss Street between Washington Street and Main Street in the Village of Downers Grove. Whereas, the CLIENT, desires to engage CML to perform certain professional services pertinent to the above mentioned project described in the following Scope of Work:

SCOPE OF WORK

We have broken down the **SCOPE OF WORK** for this project into the following **Tasks** described as follows:

Design Development Phase

Task 1

CML will attend a meeting to review the project with the CLIENT and representatives from Desman Associates to coordinate all design and record information. This will include general discussions on the development along with site specific design requirements.

Task 2

CML will provide a topographic check to verify critical information pertinent to the proposed parking facility, utility extensions, access roads and the stormwater management system. The data collection

will specifically include the connection points to all existing utilities, the location of the St. Joseph's Creek trunk sewer, and utilities that are targeted for relocation. This check will be based on boundary and topographic information supplied by the CLIENT.

Task 3

CML will provide a comprehensive hydrologic and hydraulic analysis of the project area in accordance with the current DuPage Countywide Stormwater and Flood Plain Ordinance and other Village of Downers Grove stormwater requirements. Design alternatives will be considered to determine the most cost effective solution for the required detention facility confined within the proposed parking facility.

Preliminary Engineering Phase

Task 1

CML will prepare a Preliminary Engineering Plan based on the approved land plan and existing boundary and topographic information supplied by the CLIENT. Proposed utility extensions including watermain, storm sewer, and sanitary sewer will be shown to service the project. Details addressing geometric and grading for access road improvements off of Washington Street and Curtiss Street along with the pedestrian walkway from the parking deck to Main Street will also be shown. Also included will be necessary streetscaping and details provided by the Village of Downers Grove. Utility services from the proposed main extensions for adjacent property owners and any other future development will be shown. This Preliminary Engineering Plan will be submitted to the Department of Public Works and other pertinent representatives from the village for circulation with staff for formal review.

Task 2

CML will provide a Demolition and Utility Relocation Plan for the project. Project coordination and liaison between the Village of Downers Grove and utility companies will be provided. CML will identify existing services and required relocations on this plan and include all necessary provisions and specifications. This will include meetings with village staff, property owners, consultants, and utility companies.

Task 3

CML will provide project coordination and liaison between the Village of Downers Grove and the design team to facilitate the review process and gain the necessary approvals. This includes meetings with village staff, property owners, consultants, and any required public hearings.

Task 4

CML will provide a detailed Engineer's Opinion of Probable Cost for the proposed development based on the Preliminary Engineering Plan. Estimates for various design alternatives will be submitted with unit costs applied to specific line items based on reference material available at the time of preparation. CML assumes no responsibility for any deviations from the actual contract prices received from formal bids.

Final Engineering Phase

Task 1

CML will prepare Final Site Improvement Plans for the project. Final plans will include general notes, specifications, details, pavement design, site geometrics, watermain, sanitary sewer, storm sewer, erosion control, stormwater discharge structures with controlled release points, stormwater management facilities, and site grading. All the plans and specifications will be in accordance with the Village of Downers Grove design standards. All Illinois Environmental Protection Agency (IEPA) permit applications are included in our services. This task also includes design of the entrance drives to both

Curtiss Street and Washington Street with the required road profiles and pavement section in accordance with the Village of Downers Grove specifications.

Task 2

CML will provide a detailed Engineer's Opinion of Probable Cost for the proposed development based on the approved Final Site Improvement Plans. The unit costs applied to specific line items will be based on reference material available at the time of preparation. CML assumes no responsibility for any deviations from the actual contract prices received from formal bids.

Construction Administration Phase

Task 1

CML will provide on-site construction observation during the construction phase. For budget reasons, it is assumed that CML will assign a construction / resident engineer to the project and will be on-site for sixteen (16) hours a week for a twelve (12) week construction period. CML is available for construction observation in excess of the 16 hours per week as stated above, if required by the Village of Downers Grove. These additional hours will be compensated at a rate of \$85.00 per hour. Daily Construction Observation Reports will be provided to the Village of Downers Grove.

FEE SCHEDULE

Total Lump Sum Fee.....\$53,500.00*

***This is a not to exceed fee. It is understood that any extra work if necessary will be authorized by the Village of Downers Grove before C. M. Lavoie and Associates will proceed.**

EXCLUDED SERVICES

The following items are not included in the above mentioned services, but can be performed at the hourly rates listed below or an engineering service quotation can be provided upon receiving a more defined scope of work at a later date.

- * Off-site engineering
- * Traffic report
- * Permit fees
- * Meetings not described above
- * Soil borings
- * Plats of Easement
- * Stormwater Management not described above
- * Plats of Survey/ Easement
- * Landscape Plans

PROFESSIONAL & TECHNICAL HOURLY RATE SCHEDULE

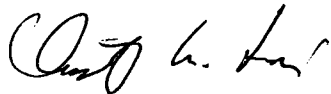
Principal.....	\$ 135.00
Development Manager.....	\$ 110.00
Professional Land Surveyor.....	\$ 95.00
Project Manager.....	\$ 95.00
Resident Engineer.....	\$ 85.00
Project Engineer/Surveyor.....	\$ 83.00
CAD Operator.....	\$ 68.00
2 Man Crew.....	\$ 120.00
Administrative.....	\$ 38.00

In addition to the hourly rates for professional services, expenses for any outside costs such as reproducibles, prints, and delivery charges will be billed to you at cost plus a 10% handling fee.

Please let us know at once if any of the above information is at variance with your instructions. If this correctly reflects your instructions and is acceptable, please sign below and return one copy for our file. This proposal is valid for thirty days from the date on the first page of this proposal.

Thank you for requesting this proposal from C. M. Lavoie and Associates, Inc. regarding this very important project.

Sincerely,
C. M. Lavoie & Associates, Inc.



Christopher M. Lavoie, P.E.
Principal

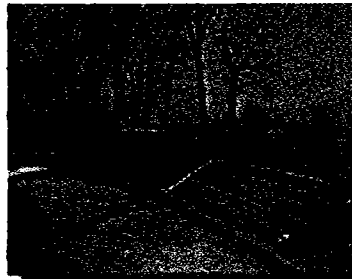
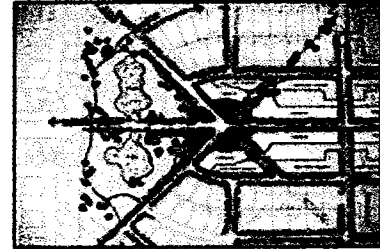
Acceptance:

By: Richard J. Witt Title: Village Manager Date: 8-22-01

“Thank you and your company for your consistency of professionalism, performance, attention to detail and quality of work...”

PARTIAL LIST OF CLIENTS

Addison Park Cistrict
BFI Waste Systems of North America, Inc.
City of Naperville
City of Wheaton
DuPage Easter Seal
Giesler & Houdek, Inc.
Hunter Alliance Corp.
International Contractors Inc.
J. Alexander's Corporation
John Sexton Companies
Kobler Builders Inc.
La Petite Academy
Lautz Builders, Inc.
Lombard Company
Lowndes Drosdick Doster
Kantor & Reed
MAH Machine Co.
McBride, Baker & Coles
MDC Properties, Inc.
Montalbano Builders, Inc.
Mulherin, Rehfeldt & Varchetto, P.C.
Overman-Jones Funeral Home
Pezza Landscape, Inc.
Robert Juris & Associates Architects, LTD
Robert Morris College
Ruby Tuesday's Inc.
Rudnick & Wolfe Attomeys at Law
Sears Roebuck & Co.
Seymour S. Goldstein Architects
Slutzky, Wolfe, & Bailey, L.L.P.
Solomon Cordwell Buenz & Associates
St. Mary's Monastery
Staubach Retail Services
Stewart-Nosky Architects
Surjit S. Patheja, M.D.
The Alter Group
The RREEF Funds Engineering Group
Turtle Wax Inc.
U-Haul International, Inc.
URS Greiner Woodward Clyde
Village of Lincolnshire
Village of Morton Grove
V.O.A. Architects
Warren Johnson Architects
Western Springs Park District



*“Without reservation I recommend
C.M. Lavoie & Associates, Inc., with
complete confidence in their ability and integrity.”*