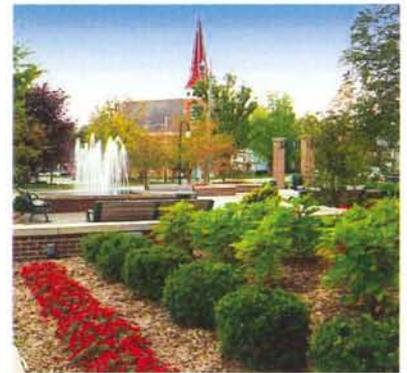
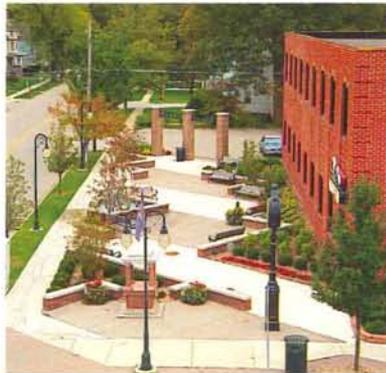


ALMONT FOUNTAIN PARK
Village of Almont, Michigan

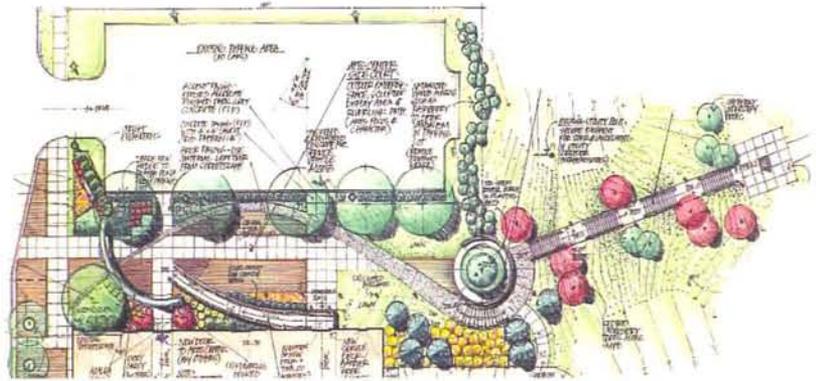


SERVICES
Master Planning
Site Design
Construction Contract Administration

CLIENT
Gerald C. Oakes, P.E.
Village Manager
Municipal Offices
817 N. Main Street
Almont, MI 48003
p 810 798 8528



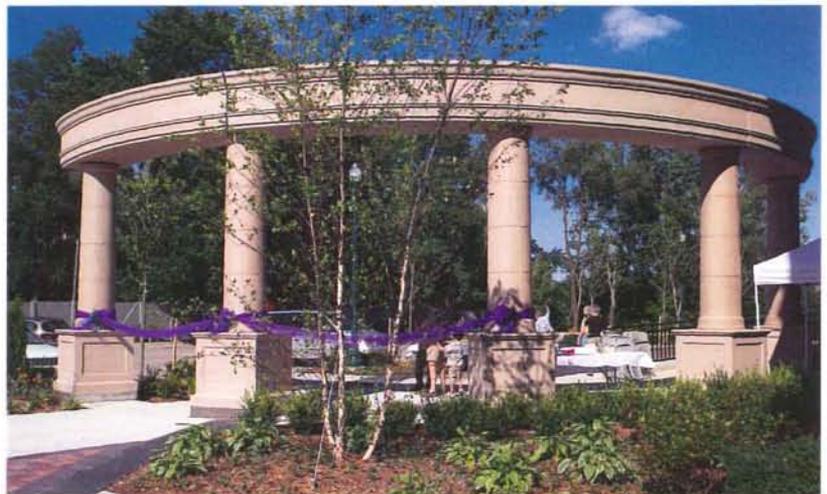
For the charming and friendly community of Almont, Michigan, going into town is as much a social event as it is a commercial necessity. The site plan for a downtown pocket park, known locally as the four corners, was designed with neighbors in mind. The goal was to provide a centrally-located passive park that improved the appeal of the downtown and provided a respite from nearby traffic, while providing a flexible space for the farmers market and other events. Simple forms create an energetic yet balanced blend of hard and soft elements. Details hearken to the town's rural roots.



SERVICES
Landscape Architectural Design
Field Verification
Cost Estimating
Selection of Materials
Public Presentations
Contract Documents
Construction Administration

CLIENT
Brett Lenart
Principal Planner
Washtenaw County Department of
Planning and Environment
705 N. Zeeb Road
Ann Arbor, MI 48107
734 222 3860

Edward B. Koryzno, Jr.
City Manager
City of Ypsilanti
One South Huron Street
Ypsilanti, Michigan 48197
p 734 483 1810



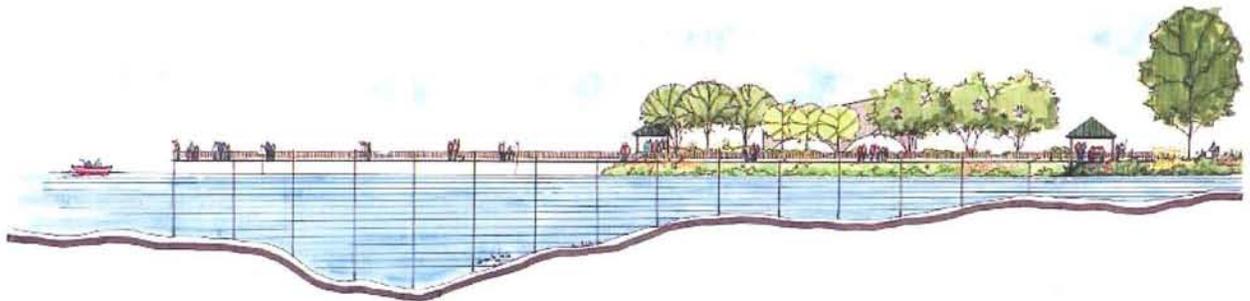
The Ypsilanti Arts Center Plaza creates an informal gathering space for the Arts Center and strengthens the link between Ypsilanti's Central Business District and adjacent Riverside Park. HAA provided design & Engineering services for a contemporary concept that draws visitors through the site to a vibrant gathering space with paving, seating, lighting and plantings. The linear space leads to a stairway and overlook providing views over the park and the Huron River. The stairway was sensitively placed on a steep east-facing slope leading to the park. The team for the enhancement project included the Michigan Department of Transportation, Riverside Arts Center Steering Committee, Riverside Arts Center Board of Directors and the City of Ypsilanti.

ST. CLAIR SHORES
VETERAN'S MEMORIAL PARK
St. Clair Shores, Michigan



SERVICES
Programming
Site Design
Landscape Architecture
Cost Estimating
Design Development

CLIENT
Christopher R. Rayes
Community Services Director
City of St. Clair Shores
27600 Jefferson Circle Driver
St. Clair Shores, MI 48081
p 586 447 3337



The City of St. Clair Shores requested the development of a conceptual master plan for renovating its 13.8 acre Veteran's Memorial Park. Hamilton Anderson Associates provided an illustrative plan with descriptive text supporting the park's program. The goal is to improve the pedestrian walkways, identify appropriate park uses, develop a theme and add amenities activating the entire park. HAA met with city staff members to develop this plan that incorporates existing uses along with new features such as an activity pier, native plant installations, picnic pavilions, waterfront plaza, new memorial monument area, open spaces for active recreation, infrastructure upgrades, and promenades throughout the park. The City has implemented a portion of the plan including the new memorial monument area and the primary promenade connecting the main entrance to the shore of Lake St. Clair.

NAUTICAL MILE/WAHBY PARK
St. Clair Shores, Michigan



SERVICES
Site Evaluation
Public Participation
Landscape Architecture
Cost Estimating
MDEQ Permitting
Construction Administration

CLIENT
Chris Rayes
27600 Jefferson Circle Drive
St. Clair Shores, Michigan 48081
p 586 447 3337

RECOGNITIONS
MSP - Honor Award
Michigan ASLA - Merit Award
MML - Achievement Award
for Economic Development



Wahby Park, located on Jefferson Avenue in St. Clair Shores, is the focal point of the Nautical Mile District, the epicenter of the boating community on Lake St. Clair, drawing boaters, and non-boaters alike to its many restaurants, specialty shops, yacht dealerships and summertime special events. The park has earned support as a venue for special events and as a public space on the Mile. Wahby Park symbolizes the community's waterfront heritage and adds dramatic green relief in the heart of the strip. It's four-acre pond, amphitheater, passive walks, interpretive sculptures, gardens and fountains create a visual extension of Lake St. Clair, bringing water to the street scene where none existed before. Residents of the adjacent senior housing tower enjoy views into the park and daily walks along the pathways. The park design completes St. Clair Shores' Nautical Mile improvement effort by dovetailing with a \$1.2 million streetscape project, also designed by Hamilton Anderson Associates, and a \$5 million road reconstruction and water main replacement project.

FISHERIES HABITAT RESTORATION DOWAGIAC RIVER

ASTI ENVIRONMENTAL



The Dowagiac River once supported a thriving trout fishery, with groundwater base-flows comparable to northern Michigan's world-class trout streams. However, historic dredging and straightening of the channel in the early part of the last century severely altered the Dowagiac River; disconnecting the river from its floodplain, increasing sediment transport, and creating velocities too high for young brown trout (*Salmo trutta*) to withstand.

Under previous association, ASTI's aquatic ecologist was contracted by the nonprofit Partnership for MEANDRS (Meeeting the Ecological and Agricultural Needs within the Dowagiac River System) to design a way to restore a ¼-mile section of the river to its historic meandering pattern within the Arthur Dodd Memorial Park, to provide spawning and nursery habitat

ASTI's ecologist developed a conceptual design, final drawings, construction specifications, and a technical report to accompany MDEQ permit applications and authorization of Clean Water Act Section 319 funding.

Hydraulic modeling, using the USACE's HEC-RAS software, was conducted to ensure channel stability, predict changes in water surface elevations, and to ensure suitable spawning and refuge habitat for brown trout at various life stages.

Budget constraints prevented construction for several years, but the meander was restored in late 2007 and ASTI was asked at that time to revise the project plans to incorporate additional habitat structures.

Client

Partnership for MEANDRS

Contact

Mr. Jay Wesley, MDEQ
Fisheries Division
269.547.2914

Location

Cass County, MI

Project Dates

2000 (under previous association), and fall 2007 (ASTI)

Project Cost

\$23,500

Key ASTI Staff

Paul Rentschler*

* Indicates Project Manager

ASTI
ENVIRONMENTAL

STREAMBANK STABILIZATION AND PRAIRIE RESTORATION – DOW CHEMICAL

ASTI ENVIRONMENTAL



As part of a team designing commemorative gardens for the site of Dow Chemical's original laboratory and headquarters, Building 47, ASTI developed plans and specifications for stabilizing the steep banks leading from the garden to the Tittabawassee River. ASTI evaluated gage records to determine materials appropriate for a site with dramatic variation in flood stages and developed a plan to create stable banks without disturbing river sediments. Plans included the removal of invasive exotic shrubs along the slope, grade changes to provide canoe access, slope stabilization, and native plantings.

Native planting plans and specifications were developed for both the restored riverbanks and for prairie plantings within the commemorative garden itself. The project is located in a high profile location, adjacent to the Great Lakes Loons minor league baseball stadium.

Client

Dow Chemical/
Subcontractor to Hamilton
Anderson Associates

Contact

Burke Jenkins, ASLA
Hamilton Anderson
Associates
313.887.6264
bjenkins@hamilton-
anderson.com

Location

Midland, MI

Project Dates

August 2007 to
January 2008

Project Cost

\$15,750

Key ASTI Staff

Paul Rentschler*
Dianne Martin

* Indicates Project Manager



HH ENGINEERING LTD Project Profiles

HH Engineering Ltd has provided design services for several non-motorized trail bridges and pedestrian overpasses for freeways including rehabilitation and superstructure replacements for pedestrian overpasses over I-75, I-94 and I-96 in conjunction with freeway reconstruction projects in the City of Detroit. Many of the bridges had ramps that were reconstructed to meet ADA requirements for maximum grades, landings and handrails.

Lantz Avenue Pedestrian Overpass over I-75 in Detroit



HH Engineering provide design and detailed drawings for a deck to convert an abandoned railroad bridge into trail between the Villages of Nashville and Vermontville in Eaton County. Project included inspection of old bridge and development of deck details that could be built by vocational education class at the Maple Valley High School. To provide 14 foot clear width, the deck is designed to cantilever out from existing steel beams of railroad structure. Construction in the spring of 2011.



Thornapple River Trail bridge in Eaton County

HH Engineering Ltd. has also participated in planning studies for trail master plans, including the Howell Area Cross Town study for MDOT. This study includes the M-59 and Grand River Avenue corridors. For the study HH Engineering determined the types of structures to cross railroads and streams within the corridors. The study included development of a formula for estimating the cost of prefabricated structures of varying span lengths and types.

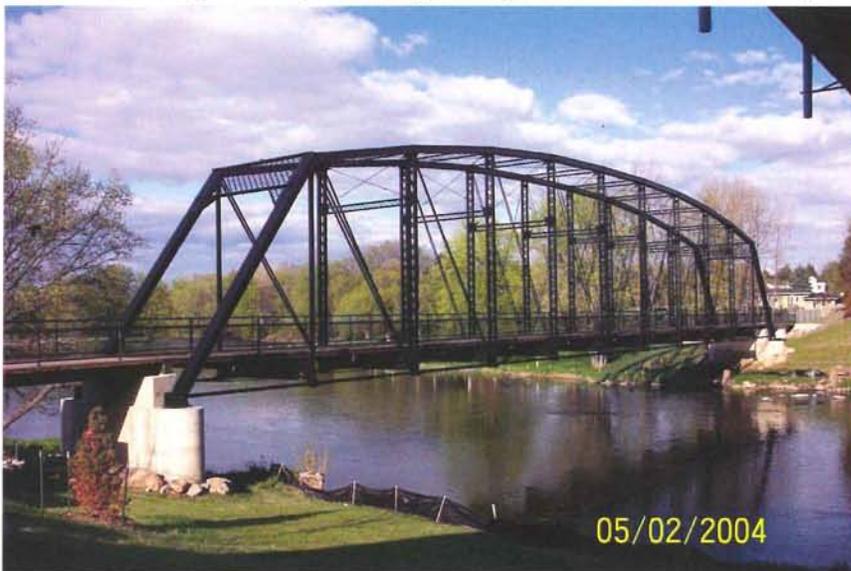


HH ENGINEERING LTD Project Profiles

HH Engineering has worked with a Lansing firm for the past fifteen years on bridge design for the Lansing River Trail, which has involved pedestrian bridges, boardwalks and decks along the Grand River, Red Cedar River and Sycamore Creek. River Trail West, from the confluence of the Grand and Red Cedar Rivers to Moores River Park south of the Board of Water & Light plant, included three bridge crossings over the Grand River and Red Cedar River. The bridges total 700 linear feet in 7 spans of varying lengths. The bridge over the Red Cedar was a single span of 145 feet. The project also included steel sheet piling, gabion, and concrete block retaining wall systems for the trail as it follows the river's edge, crossing under a CN Railroad bridge and a vehicular bridge to the BW&L power plant site. The project was funded through the MDOT Enhancement Program, a MDNR Trust Fund grant and City of Lansing Parks and Recreation Department millage.



Al Halbeisen of HH Engineering Ltd has been the project manager for a series of projects over the last 15 years that involved restoration of four historic bridges for use by pedestrians for the City of Portland's 9 mile long trail system. The most recent of these projects involved the restoration of a 220 foot long single span historic bridge, including relocation of the bridge from Kent Street to a new location over the Grand River, within the I-96 right of way. HH Engineering Ltd services included inspection and assessment of existing



structure, preparation of design and plans for new foundations and repair plans and restoration specifications. The restoration was completed in 2003. The combination of projects won the **"Historic Preservation Award"** from the Michigan Section of APWA in 2005.

Kent Street Bridge over Grand River in Portland

PROJECT TEAM



EDUCATION
Master of Science in
Landscape Architecture
University of Wisconsin, 1983

Bachelor of Landscape Architecture
Michigan State University, 1975

**PROFESSIONAL
REGISTRATIONS**

Landscape Architect, Michigan # 1006, 1987
Landscape Architect, Nevada # 623, 2004
Landscape Architect, Ohio #04-1098, 2004
Landscape Architect, Texas # 2264, 2005
Landscape Architect, New Jersey # 21AS00100400, 2008
Landscape Architect, Arizona # 48531, 2008
Landscape Architect, Illinois # 157001306, 2008

LEED®2.2 Accredited Professional, 2009

CLARB Certified

AWARDS

American Institute of Architect's
Charles Blessing Award, 2006
Michigan State University's 2006
Distinguished Alumnus

AFFILIATIONS

American Planning Association
American Society of
Landscape Architects
American Society Landscape
Architects, Michigan Chapter
Community Development Advocates of Detroit
Congress for New Urbanism
Institute for Urban Design
Institute of Transportation Engineers
MDEQ Certified CSSO
National Commercial Builders Council
National Brownfield Association
Michigan Recreation & Parks
Association
National Trust for Historic
Preservation
The Waterfront Center
Urban Land Institute
US Green Building Council

Kent H. Anderson, Design Principal of Hamilton Anderson Associates, is a landscape architect whose practice focuses on urban design and development. Kent has provided critical master planning and site design consulting services to international corporations like MGM Mirage, General Motors, Ford Motor Company and The Dow Chemical Company. His expertise is recognized for award-winning work for civic landscapes, campus planning and design, waterfront development and park master planning and design. He demonstrates a strong understanding of the collaborative nature of public/private development processes and the complex layering of issues necessary to designing successfully in the urban environment.

**PARTIAL LISTING
OF EXPERIENCE**

Novi Fuerst Park
Phase 1 Development
Novi, MI

The Dow Chemical Company
Founder's Garden
Midland, MI

Wixom Village Center Area
Wixom, MI

Rexer Jablonski Memorial Park
Bay City, MI

Almont Fountain Park
Almont, MI

Buell Lake Park Master Plan
Genesee County, MI

Paradise Valley
Interpretive Signage and Theming
Detroit, MI

Paradise Park Master Plan
Henderson, NV

Blue Gill Boat Launch
Genesee County, MI

Nautical Mile/Wahby Park
Revitalization
St. Clair Shores, MI

Belle Isle Master Plan
Detroit, MI

Riverside Arts Plaza
Ypsilanti, MI

Michigan State University
Administration Plaza Entrance
East Lansing, MI

Louis Armstrong Park Congo Square
Interpretive Plaza
New Orleans, LA

Conner Creek CSO Pilot Facility
and Maheras Park Fish Habitat
Mitigation, Detroit, MI

Midland Downtown Riverside Park
Midland, MI

Veteran's Memorial Park
Master Plan
Bay City, MI

Patton Park Master Plan
Detroit, MI

Elizabeth Park Marina Building
Renovation
Trenton, MI

Parks and Recreation Plan
Highland Park, MI

Gesu Community Green Playground
Detroit, MI

Rouge River Gateway Corridor
Greenway
Dearborn, MI

River Rouge Gateway
Master Plan Trail Extension
Dearborn, MI

Rouge River Shoreline Stabilization
Dearborn, MI

Grand River Arts Walk
Jackson, MI

Detroit River International Wildlife
Refuge Gateway
Trenton, MI

Riverfront Redevelopment
Kalamazoo CMI
Kalamazoo, MI



Burke Jenkins is a landscape architect with experience in urban, streetscape, greenway, public, municipal and commercial site design. He has experience in the entire design process, from conceptual design through construction documentation and implementation. Mr. Jenkins' strong understanding of technical applications and City of Detroit permitting will serve beneficial to efficient project implementation.

PARTIAL LISTING
OF EXPERIENCE

Novi Fuerst Park
Phase I Development
Novi, MI

The Dow Chemical Company
Founder's Garden
Midland, MI

Almont Fountain Park
Almont, MI

Ypsilanti Parks & Recreation
Master Plan
Ypsilanti, MI

Paradise Valley
Interpretive Signage and Theming
Detroit, MI

Nautical Mile/Wahby Park
Revitalization
St. Clair Shores, MI

Louis Armstrong Park Congo Square
Interpretive Plaza
New Orleans, LA

Riverside Arts Park
Ypsilanti, MI

Conner Creek CSO Pilot Facility
and Maheras Park Fish Habitat
Mitigation, Detroit, MI

General Motors Global
Headquarters Landscape Design
Detroit, MI

Washington-Cobo Boulevard
Streetscape Improvement Plan
Detroit, MI

MGM Grand Detroit
Landscape Design
Detroit, MI

Conner Creek Greenway
Detroit, MI

Conner Creek Greenway
Grant Assistance
Detroit, MI

Sisters of Mercy Campus
Environmental Plan
Farmington Hills, MI

Detroit River International Wildlife
Gateway, Refuge Fishing Access
Facility & Shoreline Restoration
Detroit, MI

River Rouge Rain Garden
Dearborn, MI

Rouge River Gateway Master Plan
Southeast MI

Grand River Arts Walk
Jackson, MI

Heritage & Wildlife Education and
Recreation Plan for the
University of Michigan Dearborn
Henry Ford Estate
Dearborn, MI

Southwest Detroit Riverfront
Greenway
Detroit, MI

Fort Street Greenway
Ecorse, MI

Conner Creek Greenway
Detroit, MI

Conner Creek Greenway
Grant Assistance
Detroit, MI

Detroit Department of
Transportation
Rosa Parks Transit Station
Detroit, MI

Detroit/Wayne County
Port Authority Terminal
Detroit, MI

Compuware Streetscape
Detroit, MI

EDUCATION
Bachelor of Landscape Architecture,
Michigan State University, 1999

PROFESSIONAL
REGISTRATION
Landscape Architect, Michigan # 3901001359, 2002
Landscape Architect, Louisiana # 0610, 2009

CLARB Certified Landscape
Architect, 2002

LEED®2.0 Accredited Professional, 2004

AFFILIATIONS
American Society of
Landscape Architects
Michigan Chapter, 2002

Michigan Association of Planners, Member



Lori Singleton is our lead site designer with over 12 years of extensive expertise in residential planning, park and site design, urban design, higher education, and campus/plaza design. With a broad background in multidisciplinary collaboration, she has experience with the entire design process, from conceptual design to implementation.

PARTIAL LISTING
OF EXPERIENCE

Novi Fuerst Park
Phase I Development
Novi, MI

The Dow Chemical Company
Founder's Garden
Midland, MI

Wixom Village Center
Wixom, MI

Rexer Jablonski Park
Bay City, MI

Paradise Valley
Interpretive Signage and Theming
Detroit, MI

Paradise Valley @ Ford Field
Plaza Conceptual Design
Detroit, MI

Louis Armstrong Park Congo Square
Interpretive Plaza
New Orleans, LA

General Motors Global
Headquarters
Site Renovations
Detroit, MI

Lansing CMI Waterfront
Development
Lansing, MI

Grand River Arts Walk
Jackson, MI

Detroit River International Wildlife
Gateway, Refuge Fishing Access
Facility & Shoreline Restoration
Detroit, MI

Wayne State University
Campus Center Master Plan
Detroit, MI

Wayne State University
Welcome Court
Detroit, MI

Washington-Cobo
Boulevard Streetscape
Improvement Plan
Detroit, MI

Jerry's Nugget Park/Entry Graphics
North Las Vegas, NV

Treme Recreation Center
New Orleans, LA

Midland Downtown
Midland, MI

Midland Downtown Riverside Park
Midland, MI

Huron River Corridor Study/Frog
Island Amphitheater/Riverside Park
Ypsilanti, MI

Detroit/Wayne County
Port Authority
Detroit, MI

Detroit Parkland Improvement
Detroit, MI

Rouge Gateway Master Plan
Southeastern MI

Idlewild Cultural Resources
Management Plan
Jackson, MI

Grand Blanc Master Planning
Grand Blanc, MI

Ashman Circle Redevelopment Plan
Midland, MI

Waterstreet Development
Ypsilanti, MI

City of Jackson
Consumer's Headquarters
Master Plan
Jackson, MI

Sisters of Mercy Campus
Master Plan
Farmington Hills, MI

EDUCATION

Bachelor of Landscape Architecture
Michigan State University, 1998

(CPTED) Crime Prevention Through Environmental Design

PROFESSIONAL
REGISTRATION

Landscape Architect: Louisiana 2009, #0615
Landscape Architect: Michigan 2002, #3901001358

AFFILIATIONS

American Society of Landscape Architects

American Society of Landscape Architects
Michigan Chapter

Michigan Association of Planners, Member

SPEAKING
ENGAGEMENT

2008 National Trails Symposium
"Pulse of the Community-
Connecting People with Places, History and
Culture on the Grand River Arts Walk"



Rick Bogaert has over 25 years of comprehensive experience involving the project management, design, planning and construction management for streetscapes, institutions, historic campus, lakefront and marinas, environmental, and recreational projects. His expertise includes conceptual design, geometric design, grading, planting specialized site details and site construction administration.

PARTIAL LISTING
OF EXPERIENCE

Novi Fuerst Park
Phase 1 Development
Novi, MI

Michigan State University
Broad Art Museum Site Design
East Lansing, MI

The Dow Chemical Company
Founder's Garden
Midland, MI

Michigan State University
Morrill Hall Replacement
East Lansing, MI

Wixon Village Center Area
Wixom, MI

Michigan State University
Red Cedar/Wilson Road
Intersection
East Lansing, MI

Rexer Jablonski Memorial Park
Bay City, MI

Michigan State University
Red Cedar Road/Chestnut Drive
Intersection Site Improvements
East Lansing, MI

Almont Fountain Park
Almont, MI

Louis Armstrong Park
New Orleans, LA

Michigan State University
Pease Auditorium Parking and
Pedestrian Improvements
Grant Assistance
Ypsilanti, MI

The Henry Ford
Farmer's Market Site Design
Dearborn, MI

Frank & Mildred Branscombe
Children's Garden
Niagara Falls, ON

Michigan State University
Spartan Statue Relocation & Steam
Service Improvements
East Lansing, MI

Washington Boulevard Streetscape
Improvements
Detroit, MI

Michigan State University
Snyder Phillips Hall Renovation
East Lansing, MI

Lakefront Promenade Park
Mississauga, Ontario**

Michigan State University
Administration Plaza Entrance
East Lansing, MI

Hope Academy
Renovation and Addition
Detroit, MI

Michigan State University
East Circle Drive Enhancement
East Lansing, MI

LaSalle Park Pavilion
Burlington, Ontario+

Michigan State University
Old College Field
Phase III Renovations
East Lansing, MI

City of North Las Vegas
Monument Signage
North Las Vegas, NV

Northville Hills Golf Course
Northville, MI*

Michigan State University
Parking Structure Ramp Addition
East Lansing, MI

EDUCATION

Bachelor of Landscape Architecture
University of Guelph, 1984

Landscape Design Diploma
Fanshawe College, 1980

PROFESSIONAL
REGISTRATION

Landscape Architect: Michigan, #3901045951, 2000
Landscape Architect: Ontario, 1990

AFFILIATIONS

American Society of Landscape Architects
Canadian Society of Landscape Architects

* Services performed while
with Grissim Metz Andriese
** Services performed while
with Hough Woodland Naylor Dance
+ Services performed while
with the City of Burlington

RESUME

ASTI ENVIRONMENTAL



PAUL E. RENTSCHLER
Aquatic/Wetland Ecologist, Forester

PROFILE

Certifications

Michigan Certified Natural Shoreline Professional, MDEQ

Certified Arborist – # MI-3947A, International Society of Arboriculture

Certified Storm Water Management Operator – Industrial Sites # 06892, Construction Sites # 08694, MDEQ

Education and Training

Michigan Technological University, B.S., 1984, Forestry

Natural Shoreline Workshops for Homeowners: Train the Trainer Workshop, 2010, MSU Extension & MDEQ
Michigan Natural Shoreline Professional Certification, 2010, MSU Extension & MDEQ
Yale University, Global Institute of Sustainable Forestry, 2005, Forest Stand Dynamics
Wetland Training Institute, 2002, Wetland Delineation, Wetland Construction & Restoration, Plant Identification
Ohio EPA, 2000, Biocriteria and Qualitative [Stream] Habitat Evaluation Index (QHEI)
Inter-Fluve, Inc., 2000, Process Based [River and Stream] Channel Design
University of Michigan, 1998, HEC-RAS and HEC-HMS Modeling of River Ecosystems

Professional Memberships

Society of Wetland Scientists

Society of American Foresters

Arboriculture Society of Michigan

American Fisheries Society

Michigan Wetlands Association

International Society of Arboriculture

Association of Watershed & Stormwater Professionals

Experience History

Aquatic/Wetland Ecologist, Forester, ASTI ENVIRONMENTAL

Senior Aquatic Ecologist and Certified Forester, Tetra Tech MPS

Executive Director, Huron River Watershed Council

Graduate Research Assistant, MDNR Institute for Fisheries Research/University of Michigan

Water Quality Technician, Huron River Pollution Abatement Project, Washtenaw County Health Dept.

Wildlife Technician, National Park Service/Utah State University

Fisheries Technician, National Marine Fisheries Service & National Park Service

Professional Background

Mr. Rentschler has over 23 years of experience in ecological assessment, forestry, wildlife and fisheries management, watershed and storm water management, and wetland delineation. His technical expertise includes forest and wetland ecology; the chemical, physical and biological assessment of rivers, lakes, and streams; the ecology, hydrology, and hydraulics of fluvial ecosystems; taxonomy and analysis of fish and macroinvertebrate community assemblages; watershed and storm water management; and aquatic habitat restoration. He was one of the first Michigan contractors certified by the Department of Environmental Quality to restore lakeshores using natural materials. Paul previously served as Executive Director of the Huron River Watershed Council and is a co-founder of the Stewardship Network.

Years Experience:

6 --- ASTI ENVIRONMENTAL

17 --- other firms, government

LAKE, RIVER & STREAM RESTORATION

R.A. Greene Park Shoreline Restoration & Stormwater Retrofit, Jackson, MI

Developed planting plans and specifications for stabilizing 2,200 linear feet of eroding pond and stream shoreline, establishing native plant buffers, and converting an existing pond with a stormwater treatment wetland to reduce sedimentation and bacteria loads (in process).

Vandercook Lake Shoreline Restoration, Jackson

Developed plans and permit applications for stabilizing 250 feet of eroding shoreline at Vandercook Lake County Park (in process).

Dowagiac River Meander Restoration, Cass Co, MI

Developed design for restoring part of the Dowagiac River to its historic meandering channel. Developed plans and specifications to restore brown trout spawning and nursery habitat.

Tittabawassee Shoreline Stabilization, Midland

Developed plans and specifications for invasive shrub removal, slope stabilization, and native plantings on the Tittabawassee River. Project is part of Dow Chemical commemorative gardens at the Great Lakes Loons baseball stadium.

Monguagon Creek Restoration, Wayne County, MI

Assessed storm water quality and developed plans for day-lighting 600 feet of the creek, creating a storm water treatment wetland, and restoring connection to the Humbug Marsh at the "Gateway" for the Detroit River International Wildlife Refuge.

Dam Evaluation, Oakland and Wayne Co., MI

Evaluated feasibility of reducing peak storm flows by changing dam operation and design on four Middle Rouge River impoundments.

Cost-Benefit Analysis, Wauwatosa, WI

Developed cost-benefit analysis for stream bank stabilization on the Menominee River to determine applicability of USACE emergency funding.

Erosion Protection Technology Review, Quinnipiac River, CT

Evaluated erosion control, flood protection, wetland restoration, and channel stabilization options to protect hazardous materials storage.

Curtiss Park Improvements, Saline, MI

Assessed stream bank erosion along the Saline River and designed stream bank stabilization.

Stream Relocation, Fowlerville, Livingston Co., MI

Developed plans/specifications and oversaw construction of 1,500 feet of new stream channel and associated floodplain wetlands. Eliminated headcutting caused by historic dredging.

AQUATIC ECOLOGY

Walled Lake Improvement Study, Oakland Co., MI

Conducted a Part 309 evaluation of Walled Lake; inventoried species and densities of rooted aquatic plants, assessed water quality, and evaluated sedimentation and nutrient enrichment for Walled Lake Improvement Board management plans.

Lake Level Study, Bush Lake, Oakland Co., MI

Evaluated forested wetlands flooded by lake level changes. Recommended new lake outlet structure and water surface elevations. Expert witness in successful court case to establish the range for seasonal lake level fluctuations.

Water Quality Modeling, Commerce Twp., MI

Modeled Seeley Creek stream dynamics and water quality using QUAL2K to predict potential impacts of a proposed wastewater treatment plant expansion and protect an endangered fish species.

Lower Rouge Nutrient Assessment, Wayne Co., MI

Evaluated water quality and periphyton composition and biomass to assess the potential impact of increased nutrient loading to the Lower Rouge River from wastewater treatment plant expansion.

WATERSHED & STORM WATER MANAGEMENT

Rouge Green Corridor, Oakland Co., MI

Assessed habitat quality and recreational potential along 20 miles of the Rouge River. Developed restoration and management plans for the corridor and 11 parks/preserves.

Watershed Management Planning

Evaluated watershed condition, modeled pollutant loads, and developed watershed management plans and/or TMDL allocations for the Ecorse, Combined Downriver, Huron, and Upper Grand Watersheds.

WETLAND DELINEATION & MITIGATION

Wetland Delineation, Michigan, Ohio, and Indiana

Routinely provide wetland delineation and permitting services for municipal, private, and industrial clients throughout Michigan, Ohio, and Indiana. Completed delineation of sites from <1 to >300 acres in size throughout Lower Michigan; Allen and Lake Counties, IN; and Fulton, Lucas, Ottawa, Seneca, and Wood Counties, OH.

Wetland Mitigation

Identified potential mitigation sites, developed water budgets, developed construction designs, and conducted biomonitoring to track wetland establishment in Bay, Ingham, Livingston, Macomb, Monroe, Oakland and Wayne Counties, Michigan.



Ms. Helen Himes owns and operates HH Engineering. Helen's primary expertise is in the areas of high-way, utility and site engineering as well as construction engineering. Helen commits to quality control and quality assurance and takes pride in the products produced.

PARTIAL LISTING
OF EXPERIENCE

Detroit Housing Commission
Smith Homes
Detroit, MI

Renaissance Global Logistics
Trucking Facility
Detroit, MI

Detroit / Wayne County
Port Authority Terminal
Detroit, MI

Compuware Office Building and
Parking Garage
Detroit, Michigan

Wayne State University
Welcome Center Parking Garage
Welcome Center and Bookstore
Detroit, MI

Mexicantown International
Welcome Center and Mercado
Detroit, MI

Greektown Casino Expansion
Grading & Utility Design
Detroit, MI

Patton Park Master Plan
Detroit, MI

Algonac Elementary
Algonac, MI

Belle Isle Master Plan
Detroit, MI

Washington Boulevard Streetscape
Detroit, MI

Washington Boulevard- Cobo
Streetscape
Detroit, MI

Municipal Utility Design
M-6, E. Division Ave. to E.
Kalamazoo Ave.

& M-6 E. Kalamazoo
Ave. to W. Patterson Ave.
Kent County, MI

Cranbrook Academy
Art Studio Addition
Bloomfield Hills, MI

I-75, Downtown Maintaining Traffic
& Permanent Pavement
Marking Design
Detroit, MI

Henderson Marina
Pavement Reconstruction and Water
Main Replacement
Detroit, MI

US-12, Austin Rd. to
the Saline River
Saline, MI

Manchester Place
Loop Road
Highland Park, MI

M-97 (Grosbeck Highway) between
14 Mile Road and 16 Mile Road in
Clinton Township, MI

Detroit Public Schools
Athletic Fields
Detroit, MI

EDUCATION

B.S. Civil Engineering
California State University @ Long Beach, 1978

PROFESSIONAL
REGISTRATION

Professional Civil Engineer
State of California
No. 31764, 1980

Professional Engineer
State of Michigan
No. 28862, 1982

Professional Engineer, State of Florida
No. 41305, 1889





HH ENGINEERING LTD.

ALAN L. HALBEISEN, P.E., Engineering Manager

EDUCATION B.S. (1978) Civil Engineering, Michigan State University

REGISTRATION Professional Civil Engineer, State of Michigan (1983)

SPECIALTY 33 years of experience in civil engineering, specializing in bridge design and structural design. Bridge project experience ranges from simple span timber bridges to continuous steel beams. Perform inspections, load ratings, and rehabilitation designs for existing bridge and full range of services for new bridges; including hydraulic and scour analyses, environmental assessments, programming, design and construction administration. Structural design includes designs for boardwalks, retaining walls and decks for parks and trail projects.

RELATED PROJECT EXPERIENCE Pedestrian Bridges and Trail Projects

Quality Control Engineer for review of bridge design to install pedestrian structure over US-23 at Geddes Road in Ann Arbor Township. Pedestrian structure installed in 2010 in conjunction with roundabout construction at ramp terminals and Earhart Road. Superstructure options considered included precast concrete, steel beams and prefabricated steel truss systems.

Project manager for design of deck to convert abandoned railroad bridge into trail for Maple Valley High School in Eaton County. Project included inspection of old bridge and development of deck details that could be built by vocational education class at high school. To provide 14 foot clear width, deck is designed to cantilever out from existing steel beams of railroad structure. Construction spring of 2011.

Project Engineer for design phase and construction administration for Delhi Township Trail from Holt Road to Willoughby Road and study of I-96 crossing options. Options considered included bridges over I-96, tunneling under I-96, trail along Sycamore Creek under I-96 and trail adjacent to railroad under I-96.

Project manager for design of East Delhi Road Bridge Historic Restoration for Washtenaw County Road Commission. Project includes the restoration of historic truss bridge for vehicle use. Project duties included obtaining MDEQ and MDNR permits for work in Huron River and coordination with Huron-Clinton Metropolitan Authority for work at the Delhi Metropark. Project is currently under construction.

Project manager for design and construction administration for Bridge Restorations for City of Portland, Michigan using ISTEPA Enhancement DNR Recreation Bond funds. Projects have included the relocation and restoration of two historic bridges and conversion of a historic two span steel truss railroad bridge for use on a pedestrian/bike trail. Project received Michigan APWA Historic Preservation Award in 2005.

Project engineer for design of bridges and retaining walls for City of Lansing River Trail. Trail crosses Grand River and Red Cedar River and goes under railroad and City street bridges. Entire system of trails and bridges were modeled in HEC-2 program to determine impacts on 100 year flood levels. Due to the area's coverage in Flood Insurance program all impacts had to be mitigated. Compensating excavation was designed at critical location in hydraulic model to allow for installation of 3 new bridges.

REFERENCES

REFERENCES



Wixom Village Center Civic Parks

CITY OF WIXOM
Tony Nowicki
Assistant City Manager
49045 Pontiac Trail
Wixom, MI 48393
p 248 624 0894



The Dow Chemical Company Founder's Garden

DOW CHECMICAL COMPANY
Mike Hayes, *Former Dow Employee, Currently:*
CEO
Midland Center for the Arts
1801 E. St. Andres Rd.
Midland, MI 48640
p 989 631 5930



Veteran's Memorial Park Master Plan

CITY OF BAY CITY
Jim Bedell
City of Bay City
301 Washington Avenue
Bay City, Michigan 48708
p 989 894 8115

APPROACH

UNDERSTANDING/APPROACH



UNDERSTANDING

Following previous design and implementation efforts for both Fuerst Park and Landings Park, The City of Novi is seeking design services to move forward with future phases. For Fuerst Park, where much of the conceptual plan has been implemented, the design team will work with the City to envision the next phase of implementation and the probable associated costs. Based on our familiarity with the project, this could include additional landscaping, trellis structures, native and stormwater plantings, play opportunities or lighting, but could also include other programmatic opportunities and amenities to enhance the site's current use.

For Landings Park, the design team will carry forward the conceptual plan approved by the City in 2009. The initial phase of construction, funded by the Michigan Natural Resource Trust Fund (MNRTF) development grant through the Michigan Department of Natural Resources (MDNR), the initial development will include "...an 835 linear foot pathway and promenade along Walled Lake, naturalized waterfront sea wall stabilization, small fishing pier, tree-lined arc walkway, grading, landscaping, signage, historical icon, minimum 12 car parking lot with a separate barrier-free parking and drop-off area near the waterfront, and other required infrastructure improvements (e.g. utilities and electrical). Barrier-free accessible port-a-johns will be utilized until use of the site grows and a permanent restroom is constructed in a future phase." In addition, there exists the potential to include a universally accessible canoe / kayak launch, funded within the community. Additional phases should be considered throughout the process, along with an understanding of grant opportunities to fund them.

APPROACH

In Fuerst Park, we will draw on our past experience with the project to move it forward smoothly and efficiently. During the Master Plan and first phase implementation, the team worked with the City to develop a meaningful plan that responded to the goals of the City while maximizing the value of the project budget. We will be mindful of the original design to not only meet the needs of the park today, but to facilitate needs that have been identified since its opening in 2009. We will work with the community and its leadership to envision the next phase of the park through input meetings that incorporate open dialogue and clear outcomes.

From that point, we can quickly develop schematic plans and precedent images to demonstrate different alternatives. The conceptual plan will incorporate the community vision into the fabric of the existing park, and budget estimates will accompany the plan to enable the team to identify appropriate future phases.

For Landings park, the design team will work with the City to validate and clarify the project goals and direction. With input gained through this process, the team will further develop the conceptual plan, with a greater understanding of details and materials, shoreline opportunities and engineering requirements. With ASTI, we will analyze and develop recommendations for the shoreline. ASTI's certification as Michigan Certified Natural Shoreline Professionals will enable the team to work efficiently through the permitting process. The team will seek comment by the public and approval by City agencies. Once approval is granted, we will move forward with engineering, documentation, permitting and bidding.

SUMMARY

Hamilton Anderson views the Novi Park Improvement project as a significant opportunity to enhance the quality of life for the residents of Novi. We believe our expertise, talents, and background with the City on the Fuerst park project makes the Hamilton Anderson Team a perfect fit to advance these two key park projects.

WORK PLAN

WORK PLAN



The following outline for the Hamilton Anderson team's work is based upon our understanding of the RFP and our understanding of the project.

PART A – FUERST PARK PHASE 3

TASK 1 PROJECT INITIATION

- The HAA team will attend a scope verification meeting with City staff, to verify expectations for the park.
- Review previous concept plans and City Council meeting minutes to reinforce understanding of project history and recorded opinions.

TASK 2 PUBLIC INPUT

- The HAA team will conduct a community input session (1) with citizens at-large, adjoining homeowner associations, Planning Commission, Historical Commission, Parks, Recreation and Cultural Services Commission, and Novi Community School District to gather input, including concerns and suggestions as to how to improve the park and desired amenities.
- Attend one public meeting (1), 3-hours in length, with Parks, Recreation and Cultural Service members, (including PRCS Commission) and City Council members.
- Collect supplemental information via the City's website, provided at a scheduled date for meaningful inclusion in the design considerations.

TASK 3 CONCEPTUAL PLAN

- Prepare final build-out Concept Plan (Phase 3) incorporating comments from Tasks 1 and 2.
- Prepare Phasing Plan and associated budgetary construction costs for each phase.

DELIVERABLES

- Revised Concept Plan, Phasing Plan and Phasing Budget Estimates, delivered by September 2011, for presentation to City council for approval in September or October 2011.

PART B – THE LANDINGS PARK

PHASE 1 - CONCEPT PLAN

TASK 1 PROJECT INITIATION

- Attend scope verification meeting with City staff and other necessary boards and parties to understand the expectations for the park when developed.
- Conduct site visit.
- Review the landings Property Land Use Study as prepared by Birchler Arroyo Associates in 2009 and review the City Council meeting minutes from meetings in 2009-2010 in which the study was discussed to understand the recorded opinions of the City council regarding the concepts provided.
- Review existing information provided in by the City in the form of record drawings, standard details, specifications, and benchmarks.
- Provide a complete topographic survey of the project area, including identification of type, size and condition of all trees measuring 6-inch d.b.h. and larger.
- Prepare specification (Request for Proposal) for Geotechnical Services for foundations, piers, and pavement sections, obtain three proposals, and make recommendation for Geotechnical consultant. Contract to be expeditiously awarded by the City directly to the geotechnical consultant under a separate purchase order. Coordinate geotechnical activities on the City's behalf.

TASK 2 CONCEPTUAL PLAN

- Attend one (1) meeting with parks, Recreation and cultural staff to learn about the project and history.
- Prepare a revised concept plan using the concepts from the grant application, Landings property Land Use Study and the comments from, but not limited to, the scope verification meeting, staff, City Council, Parks, Recreation and Cultural Services commission.
- Prepare a phasing plan for implementation and provide preliminary construction cost estimates for each phase of the plan for budgeting purposes.
- Coordinate geotechnical activities with preliminary design.
- Evaluate the structure framing and preliminary design for a fishing pier and determine foundation size and design.

TASK 3 PRESENTATION OF THE PLAN

- Present the revised concept plan at a widely advertised public meeting for comment from the public.

PHASE 1 DELIVERABLES

- Concept plan and preliminary construction cost estimates.

PHASE 2 – DEVELOPMENT OF FINAL CONSTRUCTION PLANS

- Prepare a preliminary site plan incorporating components of the entire concept plan and meeting pertinent City of Novi requirements.
- Upon approval of the preliminary site plan by the City, prepare final construction drawings for review and approval by the City.
- Contact and coordinate with all utility companies with facilities within the project boundary to determine locations of utilities for incorporation into the project plan. Coordinate all work with state and local agencies to acquire required permits.

- Prepare construction plans, specifications and cost estimates. Documents shall comply with City of Novi standards and regulations and other agency requirements as applicable. Profiles are required for all sidewalks, pathways and utilities, regardless of size. Drawings may include:
 - General conditions plan
 - Demolition plan
 - Soil erosion control plan
 - Layout and materials plan
 - Grading plan
 - Utility plan
 - Site details
 - Civil details
 - Landscape plan
 - Landscape details
 - Irrigation plan (for area between walkway and shoreline)
 - Electrical plan and details (for limited lighting at parking lot)
 - Structural details
 - Shoreline stabilization plans and details
- Apply for and coordinate all permit approvals necessary to construct the project, including but not limited to Soil Erosion Control Permit (City of Novi), DEQ, and DNR permits, and building permits. Provide plans, prepare and submit permit application, and meet with permit officials and provide additional analysis as necessary to facilitate permit approval.
- Coordinate 30%, 90%, and 100% City Reviews.
- Incorporate the City's review comments into the site plan in the development of the final construction drawings (stamping sets).
- Develop and prepare all bid documents necessary for bidding and constructing the project, including approved site plan, front-end documents (template and general conditions provided by the City) and technical specifications.

PHASE 2 DELIVERABLES

- Submit two (2) paper sets of plans and a construction cost estimate for review to the City Engineer at 30% complete, as well as a digital version of plans.
- Submit four (4) paper sets of plans, one (1) paper set of specifications, and a construction cost estimate for review and comment at 90% complete, as well as a digital version of the plans.
- Eleven (11) sets of plans and specifications for submittal to the Novi Plan Review Center, and two (2) sets of plans to the project managers. Review fees will be waived.
- All necessary plans, applications, and other items needed to apply for the permits required by the project, including Novi Soil Erosion and Sedimentation Control permits (fees waived), Road Commission for Oakland County Right-of-Way permit (fees waived when city signs application), and NPDES Construction Permit.
- Eight (8) final stamping sets to the Plan Review Center for final approval.

PHASE 3 – BIDDING

- Prepare bid documents and provide assistance to the City Engineering and purchasing Divisions with the bidding of the project, including coordinating and facilitating the pre-bid-meeting, preparation of contract addenda, plan revisions, and responding to bidder inquiries.
- Compile and submit list of plan holders to Purchasing manager via email.

- Review all bids and provide a bid tabulation, award recommendation letter to Engineering, and a Notice of Award for signature by the City.
- Following award of the project by City council, provide the Contractor with seven (7) copies of the contract documents and the Notice of Award.
- Review contract documents, bonding and insurance documents provided by the Contractor for compliance with the contract documents.
- Coordinate review of the contract documents with the City Attorney and the Contractor to incorporate review comments and facilitate positive recommendation from the City Attorney.
- Prepare the Notice to proceed for signature by the City.
- Provide assistance during construction on an as needed basis for design related issues that arise in the course of construction (16 hours). Twelve (12) site visits are included in the fee proposal under Phase 3 – Bidding Services.
- Review of shop drawings, submittals and requests for information is included in the 16 hours provided in fee for construction assistance. Additional review and assistance can be provided on an hourly basis if deemed necessary by the City.

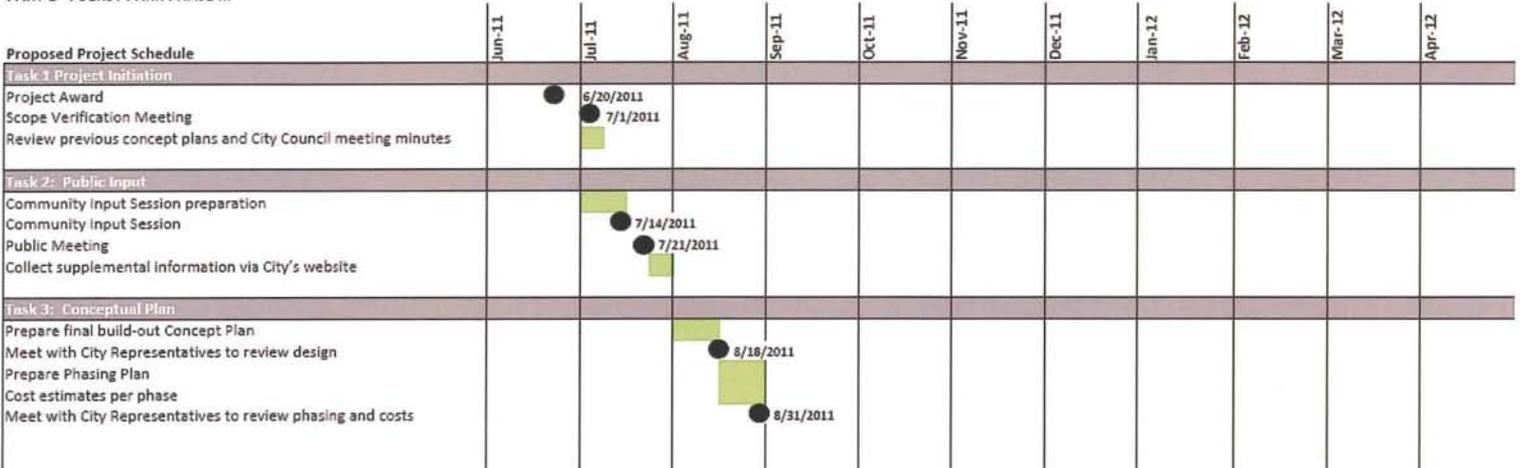
PHASE 3 DELIVERABLES

- Coordinate printing and distribution of all bid documents and addenda to potential bidders and plan holders. Costs associated with reproduction of bid documents are included in the design phase fees, and will be offset by charging plan holders for the actual cost of the bid documents
- Distribute three (3) sets of as-bid drawings, addenda, and specifications to the City at the time of construction bidding, along with all subsequent addenda at the same time they are sent to plan holders. Submittals shall be made to departments identified in the RFP, for a total of three (3) paper sets and addenda, and one (1) electronic version.
- Provide all plan sets required for permit application submittal to any agencies as required.

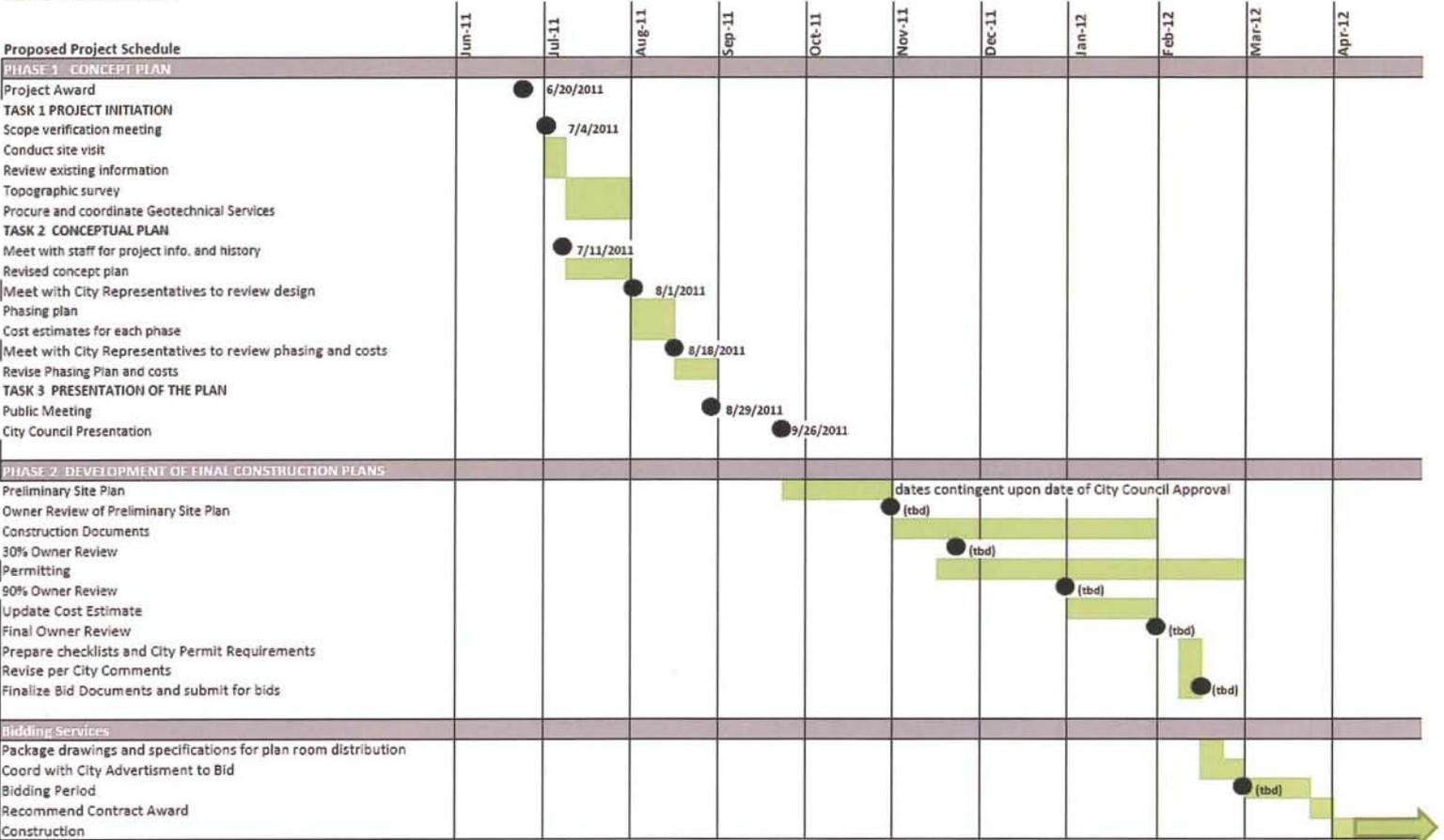
SCHEDULE

SCHEDULE

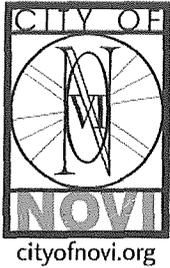
PART 1 - FUERST PARK PHASE III



PART 2 - LANDINGS PARK



LEGEND
 Meetings ●
 Working Period ■



CITY OF NOVI

FEE PROPOSAL

DESIGN SERVICES FOR NOVI PARK IMPROVEMENTS

We the undersigned propose to furnish to the City of Novi services consistent with the Request for Proposals dated April 25, 2011. Further, we are separately providing a separate estimate of hours and detail of cost. Fees will be paid on an hourly basis for actual work performed to a maximum as proposed. A separate fee schedule is being provided should the City request additional work on an hourly basis.

THIS FEE PROPOSAL MUST BE SUBMITTED IN A **SEPARATE SEALED AND APPROPRIATELY LABELED ENVELOPE**. PLEASE DO NOT INCLUDE FEES WITH THE STATEMENT OF QUALIFICATIONS.

Description:	Hourly, Not-to-exceed Fee
Part A-Fuerst Park Phase 3	\$ <u>8,935</u>
Part B-The Landings Park	
Phase 1-Concept Plan	\$ <u>20,810</u>
Phase 2-Final Design	\$ <u>37,725</u>
Phase 3-Bidding Services	\$ <u>8,435</u>
TOTAL PART B	\$ <u>66,970</u>
GRAND TOTAL (PART A + PART B)	\$ <u>75,905</u>
Discount if Part A and B awarded to same firm	<u>2.5</u> %

Note: The City may choose to award the projects and phases at separate times, or may choose to award each project to a different firm or the same firm.

We acknowledge the following addenda: Addendum #1

PLEASE TYPE:

Company Name: Hamilton Anderson Associates

Address: 1435 Randolph St. Suite 200

Agent's Name: Kent Anderson

Agent's Title: Design Principal

Agent's Signature: 

Email Address: kanderson@hamilton-anderson.com

Telephone Number: 313 887 6270 Fax Number: 313 964 0170

Date: 5/16/11

HAMILTON ANDERSON ASSOCIATES
FEE AND RATE SCHEDULE FOR PROFESSIONAL SERVICES

The professional staff of Hamilton Anderson Associates, Inc. includes architects, landscape architects, urban designers, planners, interior designers and graphic designers. Hourly Rates for services are as follows:

Principal	\$ 165.00/hr - \$ 185.00/hr
Associate/Senior Professional	\$ 135.00/hr - \$ 155.00/hr
Senior Project Manager	\$ 120.00/hr - \$ 130.00/hr
Project Manager	\$ 100.00/hr - \$ 115.00/hr
Senior Architect/Landscape Architect/Designer	\$ 105.00/hr - \$ 130.00/hr
Architect/Landscape Architect/Designer	\$ 75.00/hr - \$ 105.00/hr
Junior Designer/Junior Landscape Designer	\$ 65.00/hr - \$ 75.00/hr
Senior Interior Designer	\$ 100.00/hr - \$ 120.00/hr
Interior Designer	\$ 75.00/hr - \$ 100.00/hr
Junior Interior Designer	\$ 65.00/hr - \$ 75.00/hr
Senior Planner	\$ 80.00/hr - \$ 105.00/hr
Planner	\$ 65.00/hr - \$ 75.00/hr
Senior Civil Engineer	\$ 105.00/hr - \$ 130.00/hr
Civil Engineer	\$ 75.00/hr - \$ 105.00/hr
Senior Graphic Designer	\$ 90.00/hr - \$ 105.00/hr
Graphic Designer	\$ 70.00/hr - \$ 90.00/hr
Senior Administrative Support	\$ 90.00/hr - \$ 125.00/hr
Technical Support	\$ 50.00/hr - \$ 65.00/hr
Administrative Support	\$ 50.00/hr - \$ 65.00/hr

The billing rates are valid through December 31, 2011. The billing rates will be adjusted annually January 1st of each year to reflect adjustment in compensation for HAA employees.

