

An Introduction



AUCH

Innovative Planners & Construction Managers
Since 1908

65 University Drive
Pontiac, MI 48342
248.334.2000
auchconstruction.com



West Bloomfield High School



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Who We Are

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- AUCH Services

Experience

- Relevant Education Projects
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Other Major Markets

- Municipal
- Healthcare
- Higher Education
- Religious



Meads Mill Middle School, Northville



Company Profile

History

Since 1908 we have been meeting and exceeding our clients' expectations in terms of safety, quality, cost, and schedule. 2019 marks our 111th year of providing planning, preconstruction, and construction services in southeast Michigan.

Financial

Our annual volume averages approximately \$170,000,000 and represents projects ranging from less than \$10,000 to greater than \$60,000,000. Our reputation and strong balance sheet provides us with a bonding capacity of \$250,000,000 for single projects and an aggregate of \$350,000,000.



Our Market Sectors

Our major market sectors include healthcare, educational, municipal, and special select projects for both private organizations and public institutions. All of our work is performed in southeast Michigan; we are not an industrial, speculative, or national company, choosing rather to become the "best of class" at serving the clients in our region.



Approach

Our typical building program is: numerous projects in multiple locations, executed on a simultaneous basis.

No Budget Overruns - No Late Completions - No Excuses

We are selective about the projects we pursue, only targeting those whose requirements match our experience, personnel availability, and location relative to our office.

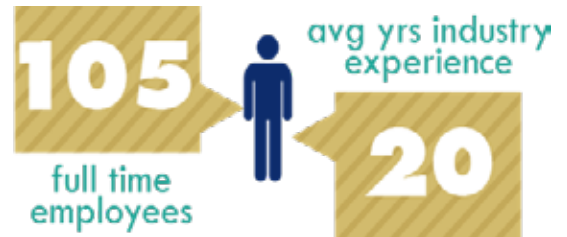
Our experience and background ensure clients a well-run and cost effective project with over 90% of our business coming from our existing client base and the work being performed under a negotiated contract basis on 9 out of 10 jobs.

Personnel

Made up of over 100 full-time operations and support personnel, our executive management, project management, and field supervisory staff are seasoned

career professionals with an average industry experience of over 20 years. We regularly employ carpenters and laborers who support our projects' safety, general conditions, and clean-up needs.

Our entire team recognizes the importance of continuous improvement, building on our experiences, seeking innovation, and focusing on customer service. We achieve this through continuous education, participation in industry



organizations, and a structured program for sharing best practices and experiences within the firm. Our corporate culture of attention to detail and providing complete customer satisfaction supports the mantra of "Whatever It Takes" and has resulted in our continued success and longevity.

Reputation

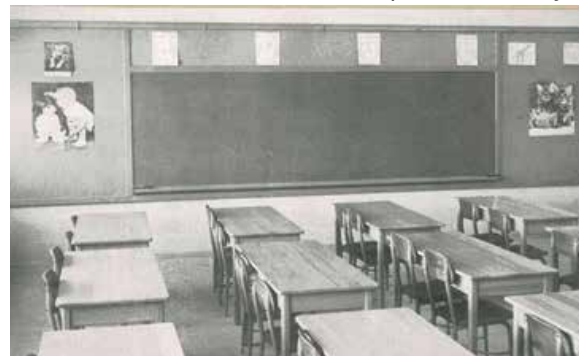
AUCH has the reputation of being a true partner to the Owner's Project Team by fielding a staff



of experienced and talented construction professionals. We work closely with clients and design professionals and maintain focus on adding value to the owner's project.

The Result - Greater than 95% Customer Retention Rate

St. Mary Magdalene School, St. Peter's Church, Upton Elementary





Walled Lake Central High School, Walnut Creek Middle School



References

Client References

Client / Representative / Phone

Walled Lake Consolidated School District
Grand Blanc Schools
Fenton Area Public Schools
Holly Area Schools
Richmond Community Schools
Avondale Schools
West Bloomfield School District
McLaren Port Huron
Clarkston Community Schools

Crestwood School District
Brighton Area Schools
Livonia Public Schools
Northville Public Schools
Pinckney Community Schools
Riverview Community School District
Grosse Ile Township Schools
Fowlerville Community Schools
Warren Consolidated Schools
Oakland Community College
Schoolcraft College

| | |
|-------------------------|--------------|
| Mr. Bill Chatfield | 248-956-3060 |
| Mr. JP Adams | 810-591-6012 |
| Dr. Doug Busch | 810-591-4700 |
| Mr. Steve Lenar | 248-328-3151 |
| Mr. Brian Walmsley | 586-727-3665 |
| Mr. Frank Lams | 248-537-6000 |
| Mr. Bill Mull | 248-865-6434 |
| Mr. Jack Belyea | 810-989-3125 |
| Mr. Shawn Ryan | 248-623-5413 |
| Mr. Wes Goodman | 248-344-8444 |
| Mr. Brian Aprill | 313-274-5579 |
| Dr. Greg Gray | 810-299-4040 |
| Mr. Phillip Francis | 734-744-2554 |
| Mr. Mike Zopf | 248-344-8440 |
| Ms. Linda Moskalik | 810-225-3927 |
| Mr. Russell Pickell | 734-285-9660 |
| Ms. Joanne C. Lelekatch | 734-362-2581 |
| Mr. Wayne Roedel | 517-223-6016 |
| Dr. Robert Livernois | 586-698-4094 |
| Mr. Dan Cherewick | 248-240-5105 |
| Mr. Glenn Cerny | 734-462-4325 |

Architect / Engineer References

French Associates
TMP Associates
Hobbs + Black Associates, Inc.
Harley Ellis Devereaux Design
Lindhout Associates
HKS Architects, PC
Neumann/Smith Architecture
Progressive AE
Peter Basso Associates
Professional Engineers Associates
Stucky Vitale Associates
Wakely Associates
Anderson Eckstein & Westrick

| | |
|-----------------------|--------------|
| Mr. Paul Corneliussen | 248-656-1377 |
| Mr. Steve Smith | 248-338-4561 |
| Mr. John Barker | 248-663-4189 |
| Mr. David Jaeger | 248-262-1545 |
| Mr. Mike Kennedy | 810-227-5668 |
| Mr. Bill Filip | 248-347-7050 |
| Ms. Dawn Peterson | 248-352-8310 |
| Mr. Seth Horton | 616-361-2664 |
| Mr. Jim Paul | 248-879-5666 |
| Mr. David Hunter | 248-689-9090 |
| Mr. John Vitale | 248-546-6700 |
| Mr. Ronald Syme | 586-573-4100 |
| Mr. Steve Pangori | 586-726-1234 |

Walled Lake Central High School





West Bloomfield High School



Recent Awards

2019 Willis - AGC Construction Safety Excellence Award - 2nd Place Nationally
2019 AGC Build Michigan Award - AUCH Headquarters
2018 CAM Special Issue Award - MASCO
2018 Top 100 Workplaces - Detroit Free Press
2018 Intex Award - McLaren Corporate Service Building - Finalist Floor and Ceiling
2017 CAM Safety Achievement Award - Honorable Mention
2017 AGC Michigan Safety Performance Award - Gold
2017 Top 100 Workplaces - Detroit Free Press
2017 CAM Special Issue Award - M1 Concourse
2017 CAM Special Issue Award - Brightmoor Christian Church
2016 CAM Safety Achievement Award - Gold
2016 AGC Michigan Safety Performance Award - Gold
2016 Build Michigan Award - Meritor Science & Engineering Building
2016 Top 100 Workplaces - Detroit Free Press
2015 CAM Safety Achievement Award - Gold
2015 Willis - AGC Construction Safety Excellence Award - 2nd Place Nationally
2004-2015 Travelers - No Lost Time Injuries Award
2015 Engineering News Record Top 400 General Contractors
2015 AGC Michigan Outstanding Safety Performance Award - Gold
2015 AGC Build Michigan Award - Brighton High School Natatorium



2015 CAM Special Issue Award - Northville Health Center
2015 Top 100 Workplaces - Detroit Free Press
2015 ACT INTEX Award Finalist - Resilient Floor - Scranton Middle School
2014 AGC of America Excellent Safety Record
2014 CAM Safety Achievement Award - Honorable Mention
2014 AGC Build Michigan Award - Northville Health Center
2014 AGC Michigan Outstanding Safety Performance Award - Gold
2014 Top 100 Workplaces - Detroit Free Press
2014 CAM Special Issue Award - Oakland County Community Health Authority - Resource & Crisis Center
2013 CAM Safety Award - Silver
2013 AGC Michigan Outstanding Safety Performance Award - Gold
2013 CAM Special Issue Award - Henry Ford West Bloomfield Hospital - Greenhouse & Education Center
2013 Engineering News Record Top 400 General Contractors
2012 AGC Michigan Outstanding Safety Performance Award - Gold
2012 Traveler's Insurance Safety Recognition Award
2012 Willis - AGC Construction Safety Excellence Award - 3rd Place Nationally
2012 INTEX Award Winner - Pinckney Community Schools - Fine Arts Addition
2012 INTEX Award Winner - Resilient Floor - DMC Children's



Clarkston Elementary School

Community Involvement





It is part of AUCH's Mission & Company Culture to contribute through local construction projects, charitable giving, volunteering, and empowering students by providing scholarships, internships, and mentoring.



Pontiac Involvement

2018

- Kidz Korner
- Pontiac Schools Marching Band Sponsorship
- Pontiac Community Bible Baptist Church - Community Conscience Consortium
- Pontiac Youth Football and Cheerleading
- Welcome Missionary Baptist Church Scholarship
- Get WISE Program
- Pontiac Youth Assistance Program Bowl-A-Thon
- Variety for Kids

2017

- Deputies for Kids
- Pontiac Youth Assistance Program Bowl-A-Thon
- School District of the City of Pontiac
- Pontiac Alumni Foundation
- McLaren Oakland Homeless Initiative

2016

- Grace Centers of Hope
- HAVEN
- McLaren Oakland
- Pontiac High School Decision Day
- Leadership Oakland
- GEMSS-Great Education Means Student Success

AUCH Services

AUCH provides a complete range of Construction Management Services

Planning

- Pre-existing conditions assessments
- Environmental & utility issue verification
- Facility assessment studies
- Strategic planning
- Conceptual estimating
- Design assistance
- Logistical reviews
- Project master schedules
- Commissioning

Preconstruction

- Constructability review
- Review of A/E documents
- Quality Control
- Establish project accounting and records formats
- Assist in front-end document preparation
- Review material and manpower availability
- Budget estimating development
- Value engineering & analysis
- Detailed cost estimating
- Establish project time schedules
- Identify long lead items
- Assist in obtaining approvals and permits
- Establish labor and material (trade) bid categories and work scopes
- Establish job meeting format

- Preconstruction meeting to outline project rules and requirements
- Distribute construction documents for bidding
- Receive, review, and analyze all bids
- Tabulate bids and make recommendation to Owner for award
- Post-bid evaluations
- Prepare and issue all labor and material (trade) contracts
- Monitor contractor insurance requirements

Construction

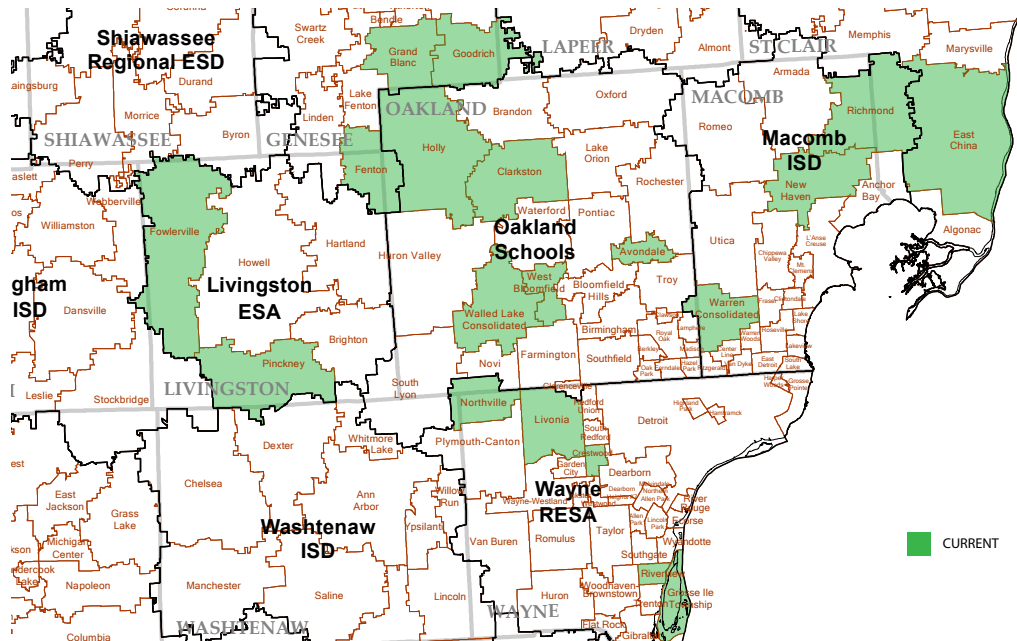
- Staff the project with full-time on-site field supervision
- Mobilize the job site
- Put cost control measures in place
- Institute construction time schedule controls to monitor job progress
- Establish jobsite meetings with Owner and Architect
- Monitor required shop drawings and submittals for Architect approval
- Direct, coordinate, and monitor all labor and material contractors
- Schedule and monitor all required testing
- Monitor project safety
- Administer contractor billings for monthly progress payments and issue checks
- Obtain sworn statements and original waivers of lien
- Administer change order process and recommendations
- Obtain all required inspections and approvals for occupancy



Anderson, Cook, & Indian Hill Elementary Schools, Grand Blanc



RELEVANT EDUCATION PROJECTS



West Bloomfield School District

Location

West Bloomfield, MI

Owners

West Bloomfield School District

Bill Mull

248-865-6434

2017 Bond Program

Architect French Associates

Cost \$120,000,000

- Construction of new 180,000 sf state-of-the-art middle school with full athletic and site development on existing middle school site
- Adding an auxiliary gym and extensive updates & renovations at the High School
- Renovating entrances and common instructional areas at each elementary school
- Refreshing instructional technology
- Increasing safety & security at all schools

2013 Sinking Fund

Cost \$2,100,000

- Mechanical and electrical work
- Parking improvements
- Infrastructure improvements at all facilities

2010 Bond Program

Cost \$24,000,000

- Renovations at 12 facilities
- Technology, safety, & security at each facility
- HVAC, electrical and infrastructure updates
- Site work, parking lots, roofs
- Energy conservation upgrades
- Instructional equipment

2004 Bond Program

Cost \$14,000,000

- Renovations at 12 facilities
- Technology, safety & security at each facility
- HVAC, electrical and infrastructure updates
- Site work, parking lots, roofs



Clarkston Community Schools

Location

Clarkston, MI

Owner

Clarkston Community Schools

Wes Goodman

248-623-5400

Architect

SWB Architects & Associates, Inc.

2016 Bond Program

Architect GMB Associates

Cost \$75,000,000

Improvements include:

- Technology and infrastructure to support learning
- Secure entry vestibules
- Security card reader systems
- Security cameras
- Roofing and flooring
- Upgraded fire alarm panels
- Replacement of interior and exterior doors
- Improvements to HVAC, Plumbing
- Lighting/electrical systems
- Renovations to restrooms, and locker rooms
- Renovations to cafeterias
- Energy enhancements
- Parking lot improvements
- Athletic facility upgrades
- LED exterior light upgrades in the buildings & parking lots



Avondale School District

Location

Auburn Hills, MI

Owner

Avondale Schools

George Heitch

248-537-6000

2017 Bond Program

Architect French Associates

Cost \$31,000,000

- Districtwide security enhancement and misc. infrastructure improvements

2010 Bond Program

Architect French Associates

Cost \$27,800,000

- Athletic Complex reconstruction
- Middle school additions
- Misc. renovations and districtwide infrastructure

2007-2013 Sinking Fund

Architect Mielock Associates, TMP, Peter Basso Associates, Spalding DeDecker

Cost \$8,300,000

- New Pavement & Sidewalks

2003 Bond Program

Architect French Associates and TMP Associates

Cost \$58,000,000

- High School Performing Arts Center addition
- Elementary and Middle School Additions / HVAC Renovations
- Two Elementary school replacement buildings





K-12 Education Experience

Atherton Community Schools

- HVAC Renovations

Avondale School District

2003, 2010 Facility Bonds

2007-2013 Sinking Fund Facility Upgrades

- High School Performing Arts Center Addition
- Elementary School Additions & HVAC Renovations
- 2 Elementary School Replacements
- Athletic Complex, Middle School Additions, Technology

Bloomfield Hills Schools

- HVAC Renovations
- New Pre-K Building
- New Wing Lake Development Center

Brighton Area Schools

1998, 2012 Facilities Bonds

1998-2003 Sinking Fund

- Cafeteria & Multi-Purpose Additions
- Districtwide HVAC Renovations
- Athletic Complex, Music Additions, Pool Addition, HVAC Upgrades

Clarkston Community Schools

2017 Facilities Bond

Crestwood School District

2016 Bond Program

Detroit Catholic Central, Novi, MI

- New High School

Detroit Public Schools

2009 General Enhancement Reinvestment Program

- Renovation of 49 Schools
- Mackenzie PK-8 School (LEED Silver)

East China School District

2019 Bond Program

Ferndale Public Schools

2004, 2012 Facilities Bond

- New Athletic Field / New Gym
- Infrastructure Upgrades
- Complete High School Renovation

Fenton Area Public Schools

2006 Facilities Bond

2013-2020 Sinking Fund

- High School Addition / Athletic Complex

Flat Rock Community Schools

2007 Facilities Bond

- Additions & Renovations at 4 Buildings

Fowlerville Community Schools

- 2018 Roof Replacement & Exterior Lighting Renovation

Goodrich Area Schools

2019 Bond Program

Grand Blanc Community Schools

2000, 2004 Facilities Bonds

2006-2016 Sinking Fund

- New Elementary School
- Renovations & Gymnasium
- 2 New Middle Schools
- HVAC Renovations
- New High School Field House
- New Bus Garage

Grosse Ile Township Schools

- 2015 Repairs & Renovations Bond

Holly Area Schools

1995, 2003, 2006 Facilities Bonds

- New High School, Elementary School, Bus Garage
- Additions & Renovations
- HVAC Renovations
- Elementary & Middle School Renovations & Additions

Livonia Public Schools

1992, 2000, 2013 Facilities Bonds

1995-2014, 2017 Sinking Fund Projects

1998 General Fund Improvements

- Additions, Renovations, Technology
- High School Sports Annex Buildings
- 3 New High School Field Houses
- 3 Junior High Gym Additions
- Performing Arts Additions & Renovations at 3 High Schools

Marian High School, Bloomfield Hills, MI

- Kitchen, Dining, & Courtyard Renovations

Melvindale-Northern Allen Park Schools

- New Grade 2-5 Elementary School

New Haven School District

2019 Bond Program

Northville Public Schools

2017 Bond Program

- Phased Athletic Stadium Reconstruction

Pinckney Community Schools

1996, 2010 Facilities Bonds

- New HS / New ES
- District-wide HVAC Update
- High School Conversion / Renovation
- Athletic Complex, New Fine Arts Addition, Districtwide Improvements

Riverview Community School District

- High School Strength Training Addition

South Redford School District

1996, 2005 Facilities Bond

- Renovations & Additions
- High School Performing Arts
- Field House Athletic Fields
- Middle & Elementary School Renovations

Academy of the Sacred Heart

- Science Classroom Renovations & Addition

Yeshiva Beth Yehuda

- New K-8 Girls School

Walled Lake Consolidated School District

1989, 1996, 2000, 2004, 2019 Facilities Bonds

2005 (Ongoing) Sinking Fund

2013 Safety, Security & Tech Bond

- High School Additions / New Middle School
- 2 New Elementary Schools
- Media Center Additions
- Replace High School
- 2 New Middle Schools
- New Elementary School / Gymnasium Additions
- New High School / High School Addition / Renovations / HVAC Improvements
- Middle School Additions
- High School Renovations
- New Athletic Field-Outdoor Education

Warren Consolidated Schools

2016 Bond Program

2010 Bond Program

- Renovation of 30 Schools

West Bloomfield School District

2017 Bond Program

2013 Sinking Fund

2004, 2010 Facilities Bonds

- Building & Site Improvements
- Ongoing Sinking Fund

MUNICIPAL

Emergency Response Training Facilities

Oakland Community College

Auburn Hills Campus, CREST (Combined Regional Emergency Services Training)

- Site contains (3) Homes, Bank, Convenience Store / Gas Station, Motel
- Firefighting Burn Simulator

Schoolcraft College

- Public Safety Training Facility
- 8-Acre Precision Driving Pad
- 4-Story Fire Training Tower with Fire Simulator & Live Burn Chamber
- 20-Lane Firearms Training Facility (Accommodating .50 Caliber Round)

City & Township Facilities

Charter Township of Bloomfield

- Capital Building Program
- Department of Public Works Facility (78,000 sf)
- Westview Fire Station (17,000 sf)
- Central Fire Station (17,000 sf)
- 35' Training Tower
- New Emergency Operation Center for Police & Fire
- New 24,000 sf Senior Facility
- Complete Site Work Revisions to Main Campus

Charter Township of Canton

- Cherry Hill Performing Arts Center
- Administration Building (66,000 sf Addition & 45,000 sf Renovation)
- Public Safety Building Expansion (10,000 sf Addition & 25,000 sf Renovation)
- New Fire Station #3 (13,105 sf)

Charter Township of Milford

- Fire Station #1 Addition & Renovation

City of Southfield

- Fire Stations #2 & #4
- New 125,000 sf 3-Story Library

Charter Township of Grand Blanc

- New Police Headquarters
- Gun Range

City of Monroe

- New Fire Station

City of Northville

- City Hall Renovation & Addition
- Emergency 911 Lines, Communication Towers & Telephone System Upgrade
- Police Station & Fire Hall
- New District Library (37,000 sf)

City of Rochester Hills

- Renovation of Fire Stations #1, 2, 3 & 5
- Renovation and Addition to Fire Station #4

Hamburg Township

- New One-Story Library (16,500 sf)

Charter Township of Brighton

- New 23,000 sf Library

Macomb County

Macomb County Jail

- Renovation, HVAC & Plumbing Units
- Replacement of HVAC Units (13-Story Tower)

Oakland County (2001-present)

- Water Resource Commission Interior Renovation
- Campuswide Security Upgrades
- Campuswide Exterior Building Assessments
- Computer Center Upgrade
- 52nd-3rd District Courthouse & Sheriff Substation
- Sheriff's Administration Office Renovation (37,000 sf Jail Renovation Phase I and II)
- Oak Pointe Connector Addition
- Community Mental Health Authority Resource & Crisis Center: 48,000 sf, 2-story repurposing
- CMH Interior Renovation & Parking Lot Replacement
- Forensic Crime Lab
- DNA Lab
- Courthouse Steam Tunnel Renovation
- Waterford Oaks & Groveland Oaks County Parks Concession Renovations
- Children's Village Kitchen Renovation

City of Romulus

- 34th District Court New 2-Story Facility (50,000 sf)



Southfield Library



Henry Ford Health System
West Bloomfield Hospital Main Street &
Demonstration Kitchen



West Ann Arbor Medical Center, Ann Arbor



McLaren Health Care
Clarkston Ambulatory Surgery Center



St. John Macomb Vertical Expansion, Warren



University of Michigan Health System
Northville Health Center



Henry Ford Health System
West Pavilion Vertical Expansion

HEALTHCARE

Henry Ford Health System

Henry Ford Hospital, Detroit

- West Pavilion Vertical Expansion
- Surgery Central Sterile Processing

West Bloomfield Hospital

- Main Street & Demonstration Kitchen
- Ambulatory Diagnostic & Testing Center
- Radiology/Nuclear/MRI/CT's
- Phlebotomy & Lab

Wyandotte Hospital

- Ambulatory Surgery Center
- Cardiac Care Unit, Cath Labs, LDRP
- Patient Rooms, Long Term CCU
- Emergency Dept & Cafeteria Renovations
- Surgery Unit Expansion

Warren Hospital

- CCU, Surgery Expansion
- Patient Room Renovations
- Medical Education Center

Macomb Hospital

- Linear Accelerator
- Oncology Suite, MRIs/CTs/Radiology
- Open Heart Surgery, Cystology Room
- Cath Labs, Patient Rooms
- Power Plant

Ford Road Medical Center

- Ambulatory Care Center

Fairlane Medical Center

- Emergency Department Renovations
- Cancer Center, Surgery Center, MRI, CT Addition

Cottage Medical Center

- Cancer Center, Women's Center, Short Stay, CDU

Columbus Medical Center

- Behavioral Health, Internal Medicine
- MOHS/Plastics, Pharmacy
- OT/PT/Sports
- Pediatrics, Sleep Lab, Endoscopy

Chesterfield Ambulatory Care Center

- Urgent Care & Medical Office Building

Parkdale Pharmaceutical

- Clean Rooms

Oakland Community College

- Nursing Education Center

Genesys Hurley Cancer Center

- Linear Accelerators

Metro Medical 23-Hour Ambulatory Center

Blue Cross Blue Shield of Michigan

- Central Facilities Building
- 2 Parking Decks
- Daycare, Conference Center
- Red Cross Blood Laboratory

Trinity Health System

St. Joseph Mercy Ann Arbor Hospital

- Emergency Department Addition
- Linear Accelerator
- Neurology Renovation
- Ambulatory Surgery Center

St. Joseph Mercy Oakland Hospital

- Women's & Infant Center, LDRP
- 5-Story Medical Office Building
- New Entry Lobby, Conference Center
- Pharmacy, Chapel, Cafe, Gift Shop
- Long Term Critical Care
- Dialysis Unit, Radiology/Oncology
- Ambulatory Surgery Center
- Cath Labs, Cardiac Care Unit

Mercy Services for the Aging

- Hamtramck Care Center
- Livonia Care Center

Ambulatory Surgery Centers

- Brighton: Urgent Care, MOB
- Canton: Urgent Care, Oncology & Imaging Center

ProMedica Monroe Regional Hospital

- Nursing Home, Resident Center
- Ambulatory Care Center
- Surgery, Imaging Suites
- Multiple Department Renovations

Beaumont Health System

Grosse Pointe Hospital

- Emergency Room Renovation
- Surgery Expansion, MRI
- Parking Lot Construction

Oakwood Southshore Hospital

- Patient Room Renovations, LDRP, Endoscopy Unit
- Emergency Department Relocation
- Surgery Renovation

Oakwood Commons

- Skilled Nursing Building

Botsford Hospital

- 4-Story Medical Office Building
- Admitting/Emergency Room

Select Medical

- 6 LTAC Suites at 6 Hospitals

Unasource Medical Group

- Ambulatory Care & Surgery Centers

Lakeland Center Skilled Nursing Additions & Renovations

Schostak Brothers

- Ambulatory Care Center & 50 Acre Development

McLaren Health Care

- Clarkston Ambulatory Surgery Center
- Port Huron Hospital North and West Tower Project
- Lapeer Region Medical Office Building

Ascension St. John Providence Health System

Providence Park Hospital

- New Ambulatory Diagnostics
- Treatment Center
- 4-Story Medical Office Building
- Surgery Suite & PACU
- Cancer Center, Patient Floor Build-out
- Radiology Suites, 24 Hour Emergency

St. John River District Hospital

- CT Scan

Providence Southfield Hospital

- MRI Suite, Cardiac Cath Lab, Bi-Plane
- Radiology Suite, Perinatology Addition
- Patient Unit Renovation (200 Rooms)
- Cancer Center, Surgery Addition
- Laundry Building, Powerhouse, Elevator Addition

Farmington Hills Medical Center

- Ambulatory Care Center
- Endoscopy Unit, Multiple Specialty Clinics

St. John Macomb

- Vertical Tower Expansions

Lutheran Heritage Village

- Skilled Nursing Facility

U of M Hospital

- West Ann Arbor Health Center
- Northville Health Center
- Mott Children's Hospital, LDRP
- Emergency/Trauma Renovation
- Psychiatric Renovations

Lapeer Surgery Center

Detroit Medical Center

Children's Hospital of Michigan

- Carl's Medical Office Building
- New Natal Intensive Care Unit
- Pharmacy, Anesthesiology
- Rehabilitation, Cardiac Cath Unit
- Patient Unit Renovations
- Surgery Renovation & Relocations

Huron Valley Sinai Hospital

- Patient Room Renovations

Harper Hospital

- Bone Marrow Transplant Unit, Gamma Knife Unit, Cardiac Cath Labs

Grace Hospital

- Patient Room Renovations
- Radiology/Transfusion
- Cardiovascular Research Lab
- Medical Office Building
- Outpatient Surgery, MRI
- Computer Room, Main Lobby

Detroit Receiving Hospital

- Neuropsychiatric Research Unit

Karmanos Cancer Institute

- Weisberg Cancer Center
- Bone Marrow Transplant Unit



*Oakland Community College Southfield Campus
Human Health Building Addition and Renovation*



Schoolcraft College Biomedical Technology Center



Walsh College Barry Center

HIGHER EDUCATION

Oakland University

- Mongolian Grill at Vandenburg Hall
- BSL-2 Lab Upgrades
- John Dodge House Renovations
- Domestic Water Replacement at Hamlin Hall
- North Foundation Data Center
- Meadowbrook Hall Kitchen, Back Hall & Dining Room Restoration
- Meadowbrook Hall Masonry & Chimney Restoration

University of Michigan, Ann Arbor

- Cook Library Building Envelope

Oakland Community College

Capital Management Program: 1995-2014

- Overall Program/College-wide Construction

Auburn Hills Campus

- Building H, J, & K Gymnasium Renovation/Multi-purpose Room & Classroom Renovations
- Building G - Student Center Addition, Interior Renovation (Food Services, Multi-purpose Room, Conference Rooms, Bookstore & IT Offices)
- Administration Renovations, Multiple Projects
- Building Energy Management System Conversion
- Energy Center Upgrades
- CREST Firefighting Burn Simulator
- New Backup Data Center
- Grounds Building Salt Storage Facility
- M-TEC Labs & Classrooms for

Workforce Development

Highland Lakes Campus, Waterford

- Highland Hall Demolition & Site Restoration
- Student Center Renovation, Elevator Replacement
- Levinson Hall Building Addition, HVAC Replacement
- Woodland Hall Building Addition, HVAC Replacement & Interior Renovations
- New Central Power Plant serving 7 Buildings

District Office, Bloomfield Hills

- Interior Office Renovation
- HVAC & Electrical Upgrades

Orchard Ridge Campus, Farmington Hills

- Student Center & Plaza
- Building C & G Science Labs Renovations
- High Temperature Heat Exchanger Replacement
- Building J, K, & L Transformer/Switch Gear/Electric Panel Replacement
- Site Lighting Improvements
- Boiler & Chiller Replacement

Royal Oak Campus

- New Entrances & Campuswide Signage
- Parking Structure

Southfield Campus

- Interior Atrium Renovation
- South Wing Addition & Renovation, Energy Improvements, Classrooms, Science Labs, Nursing & Surgery

Lab Suites, Childcare, Bookstore

Expansion, Career Center & Financial Aid

Walsh College, Troy

- Jeffrey W. Barry Center: LEED Gold Certified Addition (Lecture Hall, 9 Classrooms, Conference Rooms, Commons Area, Bookstore)

Schoolcraft College

- Applied Sciences
- Public Safety Training Center Phase I & II with Classrooms, Fire Tower, Firearm Range, Driving Pad
- Biomedical Technology Center with 5 Specialty Labs, Entry, Computer Lab, Learning Theatre
- Healthcare/Medical Professionals Simulation Technology Center
- Data Center and IT Infrastructure
- College-wide Security System
- VistaTech Center: Multimedia Executive Board Room, Interior Renovations, & Chiller Replacement

2013 Bond Program

- Jeffress Center Repurposing: Complete Interior Renovation, New Canopy & Vestibule, Board Offices, Continuing Education, HR, Security, Emergency Operations, Classrooms & Student Common Areas
- 14-phase McDowell Center Repurposing
- Parking Lots



Oakland University
Meadow Brook Kitchen Renovation



Oakland Community College
Orchard Ridge Campus Student Center



Brightmoor Christian Church, Novi



Highland Park Baptist Church



St. Mary's Catholic Parish - Pinckney



*First United Methodist Church Birmingham
South Wing Renovation, Christian Life Center & Sanctuary Renovation*



NorthRidge Church Brighton Campus

RELIGIOUS

Brightmoor Christian Church, Novi

- 24,375 sf Renovation
- 72,124 sf Addition
- 2,100 Seat Auditorium, Children's Worship Areas, Breakout Rooms & Game Area

Christ Church, Grosse Pointe Farms

- 30,000 sf Addition blends with existing 1929 Cathedral
- Included slate roof, leaded glass windows, gothic vaulted arches, stone trim, wood solids, color matched limestone and bluestone floors

Highland Park Baptist Church

- Worship Center Renovation

Marian High School, Bloomfield Hills

- Kitchen, Dining & Courtyard Renovation

Detroit Catholic Central High School

- New 200,000 sf High School on a 40 Acre Site

First United Methodist Church,

Birmingham

- South Wing Renovation
- 12,000 sf renovation and expanded Main Entrance with Handicap Accessibility, Skylight, Bookstore and Vertical Lift

Christian Life Center

- 29,000 sf Addition brick exterior accented with pre-cast stone & slate roof
- Gymnasium / Multi-Purpose Space,

Theatre Area, Running Track, Youth Lounge / Gathering, and Conference Rooms

Sanctuary Renovation

- Renovation of entire sanctuary space
- Addition of a \$1 million pipe organ
- New woodwork to match original, audio enhancement system, new lighting and fixtures

NorthRidge Church - Brighton

- 2 additions at Main Entrance & Lobby (6,000 sf) and Scene Shop (1,000 sf)
- 18,000 sf Interior renovation of existing building
- Upgrades of plumbing, septic, mechanical & electrical systems
- Modifications to 3 acres of hardscape

NorthRidge Church - Plymouth

- Expansion and renovation included a new 2-story building with basement
- Basement area: 550-seat theater and breakout spaces
- Main level / children's ministry: pre-school classrooms

St. Mary's Catholic Parish, Pinckney

- 64,000 sf New Construction
- Worship Space/Multi-Purpose Facility/ Daily Chapel with Audio System
- Classrooms, Library, Media Center, Gymnasium, Educational Offices, Pastoral Offices, Faculty Lounge, Conference & Meeting Rooms
- Landscaped 35 Acre Site

St. Peter's Lutheran Church, Macomb

- New 43,000 sf Church with 1,300-seat Sanctuary
- New School Addition

Academy of the Sacred Heart,

Bloomfield Hills

- Classroom & Gym Additions
- Science classroom Additions & Renovations

Kensington Academy, Beverly Hills

- New Main Entry & Lobby
- Gymnasium Addition with new Toilet and Locker Rooms
- Site Improvements

Lutheran Heritage Village Nursing Center

- Now Livonia Woods Nursing & Rehabilitation Center
- Comprehensive care center with independent and assisted living on 3-acre campus
- 32,300 sf Facility with 72 beds
- Dining, Activity, Lounge, Nurses' Station, Offices

Samaritan Manor Skilled Nursing Rehabilitation Facility - Holy Cross Children's Service

- 60,000 sf Renovation of Existing Building
- 120 beds, assisted and independent living with 24 hour nursing staff



Brightmoor Christian Church, Novi