

Ayres Associates – Waukesha Office Services

OFFICES

Waukesha
262.523.4488

Eau Claire
715.834.3161

Ashwaubenon (Green Bay)
920.498.1200

Madison
608.443.1200

River Falls
715.426.4908

Ayres Associates is a multispecialty firm providing transportation, environmental, civil, and water resources engineering; architecture; interior design; landscape architecture; geospatial services; geographic information systems (GIS); energy corridor services; planning; and survey. Ayres Associates has 12 offices nationwide, employing about 300 professionals. Services for the Division of Facilities Development and Management are provided from our corporate headquarters in Eau Claire and offices in Green Bay (Ashwaubenon), Madison, River Falls, and Waukesha.

Ayres Associates has provided professional services for the State of Wisconsin and the DFDM since our founder, Owen Ayres, started the company in 1959 in Eau Claire. In the ensuing years we have worked for numerous State agencies, including the Wisconsin Department of Administration; Wisconsin Economic Development Association; Department of Military Affairs; Department of Veterans Affairs; University of Wisconsin System; Vocational, Technical, and Adult Education System; Department of Natural Resources; Department of Corrections; the Wisconsin Educational Communications Board; and Department of Transportation. Specific services offered from our Waukesha office are:

Geospatial/Survey Services

Digital orthoimagery
Aerial imagery acquisition/processing
Aerial lidar acquisition/processing
Mobile lidar acquisition/processing
Digital planimetric mapping
GIS consulting and implementation
Digital terrain model development
Analytical aerotriangulation
Remote sensing
ALTA/ACSM land title surveys
Easements and legal descriptions
Right-of-way plats and descriptions
Construction staking
Control surveys
Topographic surveys and mapping
PLSS corner retracement and subdivision
GPS surveys
Hydrographic surveys
High definition scanning
Terrestrial lidar acquisition/processing

Planning and Funding Assistance

Site/campus planning
Grant writing
Grant/loan administration
Stormwater management planning
Utility planning

Civil Engineering

Local streets, parking lots, pathways
Site engineering/campus planning
Sanitary sewer collection systems
Infiltration/inflow studies
Water supply, storage, treatment, and distribution
Stormwater collection, storage, and treatment
Business/industrial parks
Recreational facilities
Grading plans
Street lighting and signage
Survey and construction staking
Erosion control plans
Utility systems planning and design
SCADA design and implementation
Sustainable design

Transportation Services

Traffic studies/simulations
Transportation planning
Utility and railroad coordination
Urban street design
Drainage studies and design
Access management
Impact statements
Roundabouts
Neighborhood traffic calming
Parking studies
Safe Routes to School
Traffic analysis, modeling, simulation
Traffic data collection
Traffic forecasting
Traffic circulation studies

Environmental Engineering

Environmental impact assessments and statements
Phase 1 environmental site assessments
Wetland delineation/mitigation
Asbestos/lead assessments
Design, investigation, and closure of sanitary, construction, and demolition landfills
Fuel system design/management
Soil and groundwater contamination investigation and remediation
Groundwater hydrology and modeling
Hazardous materials building inspections
Hazardous waste management
Oil spill prevention plans
Air emission permitting
Solid waste recycling
Resource recovery and waste minimization
Brownfield investigation and remediation
Redevelopment funding

Water Resources Engineering

Hydrologic and hydraulic studies
Flood control and flood studies
Dam design and inspection
Water quality
Streambank stabilization
Wetland delineation and mitigation

Construction Services

Construction observation
Construction administration
Wage rate compliance

Waukesha Office Rate Schedule – January 2019

CLASSIFICATION	DISCIPLINE	RATE*
Manager 2	Vice Presidents	\$219.20 - \$226.56
Manager 1	Managers	\$169.25 - \$205.18
Engineer 3	Civil, Structural, Environmental, Water Resources, Wastewater, Transportation	\$130.30 - \$213.92
Engineer 2		\$99.04 - \$142.08
Engineer 1		\$86.66 - \$106.40
Asbestos Inspector		\$93.66 - \$95.36
Construction Administrator		\$88.48 - \$135.74
Registered Land Surveyor		\$97.60 - \$143.20
Technician 3	CADD, Designers, Field Technicians, Survey Technicians	\$83.20 - \$123.58
Technician 2		\$73.60 - \$91.49
Technician 1		\$48.00 - \$75.84
Administrative Assistant		\$64.00 - \$80.83

* For each classification, specific rates will depend on the level of experience required to meet project needs and goals.

Policy: It's the policy of Ayres Associates that costs associated with equipment and supplies identified as having been used on a specific project be charged to that project and not to general overhead. All equipment rates are based on actual costs and are reviewed/updated annually.

Company-Owned Equipment

ENVIRONMENTAL SAMPLING, MONITORING, TESTING:

FID/PID/OVA	\$140.00 Day
Groundwater Sampling	\$12.25 Sample
Nuclear Density	\$135.00 Day
Peristaltic Pump	\$110.00 Day
Proactive Monsoon Pump	\$64.50 Day
Sediment Sampler	23.75 Day
Soil Sampling	\$19.25 Sample
Temp/pH Conductivity Meter	\$15.35 Day
Vacuum Pump	\$12.45 Use
Vapor Sampling	23.45 Sample
Water Level Meter	\$5.80 Day

CONSTRUCTION TESTING AND SAMPLING:

Concrete/Testing Equipment	\$30.95 Day
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PHOTOGRAMMETRIC AND SURVEYING:

Depth-Sounder Meter	\$180.00 Day
Digital Photogrammetric Workstation	\$7.45 Hour
Drone	\$81.10 Day
GPS	\$61.60 Day
High Precision Digital Level	\$115.00 Day
Laser/Automatic Level	\$6.50 Day
Total Station (Robotic)	\$105.00 Day
TX8 HD LiDAR System	\$1,600.00 Day

STRUCTURAL ABOVE/UNDER WATER INSPECTION :

Air Tank	\$10.55 Tank
Camcorder/GoPro Video Recording	\$46.15 Day
Climbing Gear	\$230.00 Day
Company-owned Dive Suit/Gear	\$67.80 Day
General Inspection Equipment	\$28.30 Day
NDT/Testing Equipment	\$240.00 Day
Resistograph	\$105.00 Day
Surface Supplied Air/Diver	\$110.00 Day
Underwater Camera	\$9.40 Day

SUBSURFACE UTILITY EQUIPMENT:

Hammer Drill & Accessories	\$37.85 Day
RD Electronic Locating Device	\$110.00 Day
RD Ground Penetrating Radar	\$150.00 Day
VAC Truck	\$750.00 Day

TRAFFIC DATA COLLECTION:

Miovision Scout VCU	\$580.00 Day
Traffic Counter	\$255.00 Day

TRANSPORTATION:

All-Terrain Utility Vehicle (ATV/UTV)	\$70.65 Day
Boat/Motor/Trailer	\$125.00 Day
Company Trucks	\$0.98 Mile
Personal Auto	Current IRS Rate

Rented Equipment

Employee-owned Dive Gear	\$15.00 Day
Employee-owned Wet Suit	\$10.00 Day
Rental Bucket Lift Truck	\$560.00 Day

Meals and Lodging (as of October 01, 2018)

Traveler reimbursement is dependent upon where the project is located, not the accommodations nor where the office is located.

The following table shows the breakdown for lodging and meals as allowed under the DFDM Small Project Program.

Rate Description	Explanation	Basic Rate
Lodging	Excluding Milwaukee, Waukesha, and Racine Counties	\$70
Lodging	Milwaukee, Waukesa, and Racine Counties	\$80
Meals	When authorized, may be claimed at cost	\$38/day
Ayres Associates will comply with mileage limits as allowed under the DFDM Small Project Program		

Vendor Supplies - Actual Cost

Aerial mapping	Gloves (rubber or cloth)	Recording fees
Aerial Photography	GPS equipment	Reference materials
55 gallon drums	Hammer drill & accessories	Research fees
Airfare	Haz Matls Site Database Research	Review Fees
Aluminum cap domes	Hub flags	Robotic survey equipment
Aluminum caps	Hubs	Rope
Asphalt lab test	Ice	Safety equipment
All terrain vehicles	Interface probing devices	Safety supplies
Audience response devices	Internet services, faxes	Sampling Jars
Augering devices	Lab services, testing, supplies	Scans
Baggage fees	Laser level	Sediment sampling
Batteries	Lath	Shelby tubes
Bentonite	Legal document costs	Shipping fees
Bid notice fees	Legal notice fees	Shipping/postage (mass mailings)
Binders	Light rail fees	Shuttles and taxis
Binding	Locking caps, caps	Smoke bombs
Bluelines/blueprints	Locking well caps, well caps	Software – project specific
Bleach	Locks	Soil sample liners
Boat rental	Lumber crayons	Spatulas
Boat ramp fees	Magic markers	Spikes
Camera	Maps	Stake chasers
Car rentals/ fuel	Marking paint	Stake tack
Carbon dioxide tubes	Medical monitoring	Survey markers
Casing	Medical testing	Syringes
Computer flash drives	Meeting room rental	T posts
Concrete	Methanol	Teflon bailers
Concrete coring	Micron filters	Telephone (employee reimb)
Concrete testing/equipment	Models	Temporary help agencies
Concrete cylinder molds	Monuments	Temporary housing
Corner marker pipe	Multi-spectral scanner	Testing kits
Data research/services/materials	Mylar	Tide gauges
Decontamination materials	Nail marker tabs	Toll fees
Disposable bailers	Nails	Total station
Disposable cameras	Nuclear Density Meter	Traffic control/protection
Disposable gloves	On-line access fees	Traffic counting equipment
Distilled water	On-line survey research	Traffic data fee
Dividers and tab stock	Oxygen meter	Tubing
Drill bits	Paper towels	Tyvek Suit
Dry-lock fast plugs	Parking fees	Ultrasonic/weld testing
Duct tape	Permit fees	Utility exploration trenching
Equipment rental	Pipe	Vapor sampling
Fees/permits/licenses titles	Pipettes	Vellum
Fence posts	Plan fees	Vials
Field books	Plastic bags	Video recording equipment
Filler paper	Plastic-coated line	Washers
Film/development/photos	Plats/recording fees	Water filters
Flagging tape	Polyethylene bailers	Water/Sewer testing equip, sup
Flags	Public info meetings/costs	Water level recording devices
Flow testing equipment	Presentation materials	Well materials
Gaskets	Printing/Reproduction/Plots	Well seals
Generator rental	Public notice fees	Whiskers
Geotechnical testing/lab services	Publications	
GIS data	Rebar	