



Maryland
Green Registry
MEMBER

The Maryland Green Registry promotes and recognizes sustainable practices at organizations of all types and sizes. Members agree to share at least five environmental practices and one measurable result while striving to continually improve their environmental performance.

Kimball Construction Company, Inc.



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Private General Contractor Construction Company

Member since September 2018

Management and Leadership



Environmentally Preferable Products and Services

Kimball has a recognized partnership with Butler Builders, which creates strategic structural systems to maximize efficiency and eliminate unnecessary products. This long-standing partnership with Butler has allowed for Kimball to install many Butler Buildings with various purposes. All Butler Buildings essentially create the same outcome. By partnering with Butler, Kimball has installed designs to reduce lighting costs such as the SunLite Strip®, which helps cut energy costs by 70 percent when combined with a lighting control system, “cool roofs” to help lower roof and building temperatures, and the MR-24® roof system, which last two times longer and can reduce roof maintenance costs by 90 percent.

With Kimball’s efficient estimating team, project supplies such as wood, paint, metal, and gas do not go to waste. Precise estimating of products needed at a job site eliminates excess waste and high costs for the project owner. If Kimball is presented with unused goods by the owner, from previous construction or other project partners, Kimball will check for quality and then incorporate as necessary, rather than letting products go to waste.



Environmental Restoration or Community Environmental Projects

Kimball Construction continues to give back to the local community through charitable donations in the form of funds, time, and goods. Kimball gives electronics, such as computers and phones, to local organizations. Kimball has

participated in community events via Habitat for Humanity, the Celebrate Hope Foundation, and the Ronald McDonald House.

Waste

Solid Waste Reduction and Reuse

In addition to Kimball's efficient use of construction materials (see Environmentally Preferable Products and Services), the company also strives to reduce paper waste. Kimball maintains a durable experience library through online documentation, rather than paper documentation. The company also uses several systems to ensure paper waste is eliminated when starting and closing a project. Systems include: Sharepoint (for editing documents in real time), Viewpoint (storing and sending client invoices, payments, and key project documents), BlueBeam (viewing and editing construction drawings), digital submission of mileage reimbursement forms (eliminates paper forms that must be kept and filed), and direct deposit (eliminating the need for paper checks and trips to the bank). Kimball reduces costs of office supplies by reusing file folders, which are 10% recycled, buying 30% recycled copy paper in bulk to reduce deliveries, and printing double-sided, in black and white whenever possible. By reducing the amount of paper documents printed and filed, Kimball estimates to save about 3.8 trees a year, 5.06 million BTUs, 3,340 pounds CO₂ equiv GHG., 4,680 gallons of water, and 259lbs of solid waste.

Recycling

Kimball Construction practices an office wide recycling program which monitors our paper, cardboard, and plastic usage and disposal. To reduce paper usage, most construction documents are digitized and accessed in real time by network users. Digitizing documents eliminated the need for printing numerous, large and bulky, building blueprints. Blueprints and paper documents are recycled as needed. Large blue recycle bins are located near the printer for quick disposal of paper products. Scrap paper bins are also located next to the printer for taking notes, rather than retrieving a fresh sheet from the printer. By calculating the amount of paper recycled each year from blue prints, documentation, and packaging from construction products, Kimball saves 4 trees per year, 38 gallons of oil, 401 hours of electricity, and 1,201 gallons of water.

Energy

Energy Efficiency

At the office, Kimball has installed energy efficient lights and energy saver computers to reduce kWh usage. Office lights shut off after a room is not occupied for four minutes. Computers and devices are shut off overnight. Kimball

has an energy efficient printer that operates on a reduced energy plan when applicable, using 30%-65% less energy than printers without this designation.

Transportation

Employee Commute/Customer Travel

Kimball Construction operates as a self-performing, design-build construction firm. Self-performing critical portions of our own projects eliminates the need for subcontractors to travel to sites and offices to complete all aspects of the construction job. This saves subcontractors traveling 50+ miles a day when jobs are active, reducing the overall number of vehicles on the road. This is equalivient to planting 179 trees, removing one car from the road, and three tons of waste being recycled instead of landfilled.

Efficient Business Travel

Most, if not all documentation, is shared electronically. This eliminates the need to visit job sites daily to deliver documents, requests for information, and payments. When job sites do need to be visited, project managers and project engineers will often travel together, in one car, to the location. This eliminates excess traffic and fuel use is reduced. Project managers and superintendents are equipped with company phones to be reached in the field to avoid making extra trips into the office once at a job site. Kimball takes into consideration a superintendent's proximity to a jobsite when assigning work duties. Whomever may reside the closest to the construction will consider being awarded the work to reduce travel costs and fuel efficiency, saving on average 7,947lbs of CO₂ emissions.

Water

Water Conservation

As a general contractor in the construction industry, we are often faced with reducing water and being environmentally friendly in all aspects of our work. Kimball faces the challenge of achieving water efficiency at jobsites frequently. Where conservation is priority for both the owner and our company, Kimball is experienced in on-site water collection for landscaping irrigation, transporting and storing water supplies for site staff (reusable water bottles and jugs vs. plastic bottles), and assisting contractors with the improvements to storm water management systems, conserving on average 40,498.42 gallons of water.



Help build a greener, more sustainable Maryland through voluntary practices that reduce environmental impacts and save money.

Learn more at green.maryland.gov

