

Award Name	Award Criteria	Award Sponsor
Most Innovative Design for Delivery of Municipal Services	Select one Municipal service (i.e. snow and ice removal control, refuse and recycling collection, etc..) and demonstrate that your design is efficient and innovative with respect to the provision of this service to the community	American Public Works Association (APWA) Chicago Metropolitan Section. Chartered in 1937, APWA is the largest and oldest organization of its kind in the work with 67 chapters throughout North America representing 26,000 members. APWA provides a forum in which public works professionals can exchange ideas, improve professional competency, increase the performance of their agencies and companies and bring important public works-related topics to public attention in local, state, and federal arenas. www.pubworks.org
Community Involvement Award - NEW	Awarded to the design that demonstrates the best incorporation of venues for people in the community to volunteer, share ideas, and participate in a variety of social, cultural, and charitable activities. Examples include, but are not limited to, social service organizations, clinics, youth centers, art programs, and community gardens. These venues should be accessible, have features that make them attractive to both volunteers and those seeking support, and have activities that are of interest to people of any age, volunteer experience, or philanthropic interest.	Chicago Engineers Foundation of the Union League Club (CEF), The mission of the Engineers' Foundation is to award scholarships and grants to encourage the study of engineering and to work with engineering educational institutions and high schools in the Chicago area in promoting interest in engineering as a career. www.chicagoengineersfoundation.org
Livable Community Award	The design that most contributes to the physical, mental and spiritual well-being of the City's occupants through elements such as choices in housing, workplaces, shopping and recreation, including walking and biking trails; well designed solutions to traffic congestion and parking; safe walkable neighborhoods with pedestrian friendly designs; a balance of building and open areas, with attention to human scale; connected green spaces, community parks and public places that link neighborhoods and services; consideration of the ecology of the community; attention to eye level views throughout the city; public buildings and civic centers for citizens interaction designed as special places within the city; and a mixture of different neighborhoods with strong identities.	American Institute of Architects Chicago (AIA Chicago) is the largest professional association of licensed architects, architectural interns, and allied professionals in Illinois. It is the second largest chapter in the country, with over 2000 of the 70,000 AIA members nationwide. www.aiachicago.org
Forward Thinking Transportation System	A forward and progressive transportation system that is inclusive of varying transportation options. Examples: walkable and bikeable layouts, consideration of driverless vehicles and vehicle sharing, frequent and geographically widespread public transit, etc.	Illinois Section ASCE-Transportation and Development Institute

Best Design for a Sustainable City	Effective overall infrastructure design (water delivery systems, transportation and wastewater treatment) that meets the community's current needs while preserving the environment and takes future population growth into consideration	American Society of Civil Engineers (ASCE) Illinois Section. Founded in 1852, ASCE represents more than 123,000 civil engineers worldwide, and is America's oldest national engineering society. ASCE advances professional knowledge and improves the practice of civil engineering as the lead professional organization serving civil engineers and those in related disciplines. ASCE Illinois Section has six technical groups: Environmental Engineering & Water Resources, Geotechnical, Structural, Transportation, Urban Planning & Development, and Younger Member. www.isasce.org
Best Futuristic City	Use of futuristic engineering concepts into city's communications, energy, or transportation systems	
Best Name for a Community	Creative name that captures the community's spirit	
Environmental Award	City that best incorporates ecofriendly design and environmental management (i.e. recycling, pollution reduction, innovative materials, water reclamation, green roofs, etc.) to improve public health and infrastructure	Illinois Section ASCE-Environmental & Water Resources Institute
Water Resources Award	City that best incorporate a unique design of open waterways, natural habitats, water conservation, and techniques to reduce pollution in storm water runoff.	
Geotechnical Consideration for Subsurface Soils and Foundation Design	Has the team considered possible ramifications of how the structural elements are supported? Soil Strength? Groundwater table? Deep or shallow foundations? Earth retention?	Illinois Section ASCE-Geotechnical Group
Innovative use of Public Space on a Structure	Bridges are often built to cross highways or rivers to allow cars to get across. This award will be give to the group who provides public space across bridges that pomotes pedestrian safety and healthy modes of transportation as well.	Illinois Section ASCE-Structural Engineering Institute (SEI)
Best Education Enhancement	This award will be given for enhancing and promoting education opportunities to younger citizens through public programs and facilities. This includes the availability of such public facilities as libraries, museums, aquariums, planetariums and observatories. Also strongly considered is the availability of public funding for school districts and universities, and the promotion of outreach programs and educational competitions that provide students with hands-on learning experiences.	Illinois Section ASCE-Younger Member Group

High Rise Award	The future city solution that demonstrates how residential, commercial and mixed-use high rise buildings will be accommodated and integrated into the new urban environment	The Chicago Committee on High Rise Buildings (CCHRB) is a not-for-profit organization founded in 1969 to investigate problems or enhancements, support research and disseminate information for economic design, construction, operation and rehabilitation of high rise buildings. It's members are experience and skilled in the design, construction, and operation of high rise buildings. www.cchrb.org
Integrated Highway Design	Incorporating local roadway designs in concert with land use requirements, mobility needs and livable community considerations	Illinois Association of County Engineers (IACE). The collective forum of the 102 appointed county officials in direct charge of county highway transportation in Illinois. Since 1914, the Association has served to provide for the exchange of ideas and information aimed at improving the county highway engineering profession and county highway engineering services to the public. www.iaceeng.org
Excellence in Transportation Safety and Operations	Most innovative future city design that demonstrates a safe and efficient surface transportation system, considering growth and preserving the environment.	Institute of Transportation Engineers Illinois Section (IL-ITE). The institute is an international professional society of more than 11,000 transportation engineers, planners, and others responsible for the safe and efficient movement of people and goods on our streets, highways, and transit systems. Since its founding 1930, ITE has been providing transportation professionals with programs and resources to help them meet those responsibilities. www.ilite.org
Excellence in Mobility Technology	Presented to the project which is distinguished in its design which advances mobility technology to better serve humanity. This may include all forms of self-propelled vehicles including automobiles, trucks, and buses, off-highway equipment, aircraft, aerospace vehicles, marine, rail, and transit systems.	Society of Automotive Engineers (SAE) Chicago Section. SAE International has more than 90,000 members-engineers, business executives, educators, and students from more than 97 countries - who share information and exchange ideas for advancing the engineering of mobility systems. SAE is your one-stop resource for standards development, events, and technical information and expertise used in designing, building, maintaining, and operating self-propelled vehicles for use on land or sea, in air or space. www.sae.org

Best Future City Marketing-Big Idea	The future city that best combines the artistic display and use of materials for models of their Mini-Presentations (at their table) with the essay (how well did the team create a vision, solution and benefits -marketing their project plan) and clear messaging (how clearly did they articulate their ideas and solutions).	The Society for Marketing Professional Services (SMPS) was founded in 1973 to provide skill development, resources and to create business opportunities for marketing professionals in the built environment. The SMPS Chicago Chapter offers educational programs, professional development seminars and network opportunities to marketing professionals from architectural, engineering, planning, interior design, construction and consulting firms serving the Chicago region. The Society for Marketing Professionals Services is committed to being the premier resource for education and information about marketing professional services in the built and natural environment for the greater Chicago Area. Our purpose is to educate members by providing cutting edge information, promote the value of our members and the contributions they make within their firms, provide endless opportunities for networking and give back to the community/stewardship. www.smps-chi.org
Most Innovative Structures	Best use of creative materials, concepts, and construction of buildings, bridges, and other structures within a community.	Structural Engineers Association of Illinois (SEAOI). Founded in 1965 in response to protect the interest of the practicing structural engineer, SEAOI strives to uphold and preserve the Illinois Structural Engineering Act and carry out its prime purpose of safeguarding the lives and property of the public. www.seaoi.org
Most Innovative Fire Protection Design	This award will be given to the future city that incorporates the most innovative manual or automatic fire suppression design to protect people and property from fire. Students should consider the principals of the fire triangle (Oxygen, Heat, Fuel) where removal of any one of the elements will prevent or extinguish fires. For Example, applying water to a fire removes heat and can extinguish a fire.	Society of Fire Protection Engineers (SFPE). Established in 1950 and incorporated as an independent organization in 1971, SFPE represents those practicing the field of fire protection engineering. The purpose of the society is to advance the science and practice of fire protection engineering and its allied fields, to maintain a high ethical standard among its members and to foster fire protection engineering education. www.chicagosfpe.org
Best use of Construction Materials	Specifying materials that contribute to a sustainable environment, most innovative use of building materials and model construction using environment-friendly material	The Chicago Chapter is the largest chapter of the Construction Specifications Institute (CSI) founded in 1948. CSI encompasses a diverse membership of allied professionals involved in the creation and management of the non-residential built environment including architects, specifiers, engineers, material suppliers, contractors, project managers, owners, government and beyond. The focus of this nonprofit is collaboration, education, and communication among all members of the project team.

Best Energy or Environment Design	Design to conserve energy or protect the environment with the following attributes: minimize waste / use renewable resources / self sustaining	American Society of Mechanical Engineers (ASME). Founded in 1880 as the American Society of Mechanical Engineers, ASME is a not-for-profit professional organization that promotes the art, science, and practice of mechanical and multidisciplinary engineer.
Best Land Surveying Practices	This award recognizes the design that employs the best land surveying practices, taking into consideration the high standards used by surveyors to help protect the public's safety and welfare.	National Council of Examiners for Engineering and (NCEES) is a national nonprofit organization dedicated to advancing professional licensure for engineers and surveyors. It develops, administers, and scores the examinations used for engineering and surveying licensure in the United States.
Most Complete Street Network	This award recognizes the design city with a transportation network that is almost accessible to all modes of Transportation	Founded in 1977, WTS (Women in Transportation Seminar) is an international organization dedicated through the global advancement of women. Boasting more than 5,000 members - both men and women - WTS is helping women find opportunity and recognition in the transportation industry.
Best Use of Concrete Award	The City that has the best use of concrete in a combined residential, commercial, and industrial environment	The Illinois Chapter of the American Concrete Institute (ACI-IL) is a non-profit organization with volunteer driven people whose membership includes over 250 architects, engineers, educators, manufactures, contractors, suppliers, and others with an interest in concrete. We share the mission with ACI National "to provide a comradeship in finding the best ways to do concrete work of all kinds and in spreading that knowledge.
Best Electrical/Electronic Solution for Improving the Quality of City Life	Design that best improves the quality of city life through innovative and/or environmentally friendly solutions in the area of: 1. electrical power generation, distribution and storage 2. Wired and wireless electronic information exchange and access 3. Electrical based transportation systems 4. Industrial, commercial, and residential use of electricity, optics, and electronics. 5. City services and city associated leisure activities utilizing electricity, optics and electronics.	The Institute of Electrical and Electronics Engineers (IEEE) is the world's largest professional association dedicated to advancing technological innovation and excellence for the benefit of humanity. IEEE and its members inspire a global community through IEEE's highly cited publications, conferences, technology standards, and professional and educational activities.
Great Engineering Feats	The design that best exemplifies the grandest vision of engineering possible, while still placing the good of public welfare over all other considerations. Designs that also address natural disaster preparedness will be especially admired	The Illinois Society of Professional Engineers (ISPE), established in 1886, is a professional association representing the interests of over 2,500 engineer members from all fields of practice. Headquartered in Springfield, ISPE includes among its membership licensed professional engineers, licensed structural engineers, licensed land surveyors, engineer interns, graduate engineers and engineering students.