



SUSTAINABILITY STARS AWARD PROGRAM



APPLICATION FORM

***Please Complete in Accordance
with the Accompanying Instructions
Which Provides Definitions and Guidance***

**Adopted by
Sustainable Infrastructure Committee
On January 10, 2023**

SECTION 1 - GENERAL INFORMATION

1. **Application Date.** Provide the date the application was submitted to WHA:

2. **Project Name.** Provide a descriptive project name that can be included on the award plaque and promotion of the awards program:

3. **Point of Contact.** Provide the name and contact information for the person who will respond to questions about the application and will conduct scheduling of the application review process steps:
 - a. Person Submitting the Application:
 - b. Affiliation:
 - c. Phone Number:
 - d. Email:

4. **Project Owner(s).** Provide the name of the project owners. If there is more than one owner, please list them all. Provide formal legal entity names. An owner is the main project sponsor who funds the project or who arranges financing. The owner, or its agents, oversees all aspects of project planning, design, and construction. Examples might include for profit development companies, municipal utility districts, cities, counties, or special districts:

5. **Planning and Design Team.** List the names of all firms and individuals who assisted with planning, design, permitting, financing, contracting, and construction of the project.

6. **Current Project Status.** Indicate which project status condition best describes the project.

 Study or Preliminary Engineering Completed
 Design Completed
 Construction Completed

7. **Sustainability Stars Pursued (Check all being pursued):**

 INVESTIGATION STAR (Study of Project Alternatives)

Please Complete in Accordance with the Accompanying Instructions Which Provides Definitions and Guidance

- INVESTMENT STAR (Design)
- INTEGRATION STAR (Construction)
- INSPIRATION STAR (3rd Party Recognition)
- INNOVATION STAR (Used Sustainability Element Not Identified by WHA)

8. Project Location. Provide the address of the project location so the project can be found using publicly available mapping software (i.e. Google Maps or Apple Map). If an address is not available, provide a description project site relative to nearby cross streets and the zip code:

9. Project Type (Check all that apply)

- Residential (Single Family, Multifamily)
- Commercial (Retail, Office)
- Industrial (Light, Heavy)
- Institutional (Educational, Government Office, Public Safety)
- Transportation Infrastructure
- Water Supply and Delivery Infrastructure
- Wastewater Infrastructure
- Drainage, Stormwater, or Flood Mitigation Infrastructure
- Recreational, Park, or Similar Facility
- Other, Specify: _____

10. Construction Procurement Type (Pick one)

- Not Applicable. No Construction Conducted Yet.
- Traditional Design, Bid, Build
- Construction Manager at Risk
- Design-Build
- Other _____

Please Complete in Accordance with the Accompanying Instructions Which Provides Definitions and Guidance

11. Local Permitting Entities. Check all relevant permitting entities.

County. Provide name: **HARRIS**

City. Provide name: **KATY**

Texas Historical Commission.

U.S. Army Corps of Engineers.

Harris County Flood Control District.

Drainage District. Provide name:

Other. Provide name:

Other. Provide name: _____

SECTION 2 - INVESTIGATION STAR (STUDY PHASE COMPLETE)

This award is available to project teams who have completed an evaluation of project alternatives. It recognizes project teams who include sustainability considerations in the evaluation of project alternatives. This requires project teams to document the sustainability considerations they used to evaluate project alternatives. It does not require the selection of the project alternative with the highest sustainability score, it just requires that one or more sustainability consideration was used to evaluate the alternatives.

1. Sustainability Considerations. Check all of the sustainability considerations used to evaluate project alternatives in the study. If not listed, please write in those that were used. For example, if project alternatives were evaluated using total construction costs, annual water consumption, and annual energy consumption, the applicant would check water consumption and energy use.

- Quality of Life
- Health & Safety
- Noise or Light Impacts
- Mobility/Transportation
- Equity and Social Justice
- Cultural Resources
- Stakeholder Engagement
- Economic Development
- Workforce Development
- Recycling
- Sustainable Procurement
- Solid Waste Management
- Energy Use/Conservation
- Water Consumption
- Water Reuse
- Surface Water Quality
- Ecosystem Services Protection or Enhancement
- Wetlands Preservation or Restoration
- Brownfields Restoration
- Stormwater Management
- Stormwater Quality
- Pesticide & Herbicide Use
- Protect Groundwater Quality
- Preserve Groundwater Availability
- Wildlife Habitat
- Floodplain Preservation
- Invasive Species

Please Complete in Accordance with the Accompanying Instructions Which Provides Definitions and Guidance

- Native Plants
- Heat Island Mitigation
- Use Products with Environmental Product Declarations
- Use Materials with Environmental Product Declarations
- Soil Health
- Net Embodied Carbon
- Greenhouse Gas Emissions
- Air Pollutant Emissions
- Enhance Resilience
- Assess Climate Change Vulnerability
- Evaluate Climate Risks
- Mitigate Project Risks
- Other: _____
- Other: _____

2. Study or Evaluation Process Used. Describe how the project team studied or evaluated project alternatives. For example, if a quantitative evaluation matrix was used, indicate the factors used, the scoring ranges for each, and weight applied to each. Qualitative evaluations are acceptable if the considerations are adequately described.

3. Attach Supporting Documentation. Attach supporting documents that demonstrate that an evaluation or study of alternatives was conducted and that sustainability considerations were considered. Documentation can include project memoranda, reports, spreadsheets, or similar.

SECTION 3 - INVESTMENT STAR (DESIGN PHASE COMPLETE):

The award is available to project teams who have completed the design of a project. It recognizes project teams who included sustainability features in the design of the project. This requires project teams to document the sustainability features included in the design, how they are better than traditional features, and the benefits delivered to the project users and the project area.

1. Project Outcomes. Check each of the sustainable infrastructure project outcomes that were achieved in the *design* of the project, when compared to a traditional design approach. If not listed, please write in the outcomes that were achieved. For example, if net embodied carbon

Please Complete in Accordance with the Accompanying Instructions Which Provides Definitions and Guidance

was reduced by 10% as compared to a traditional design approach, the net embodied carbon outcome would be checked.

- Enhanced Quality of Life
- Improved Health & Safety
- Reduced Noise or Light Impacts
- Enhanced Mobility/Transportation
- Increased Equity and Social Justice
- Protected Cultural Resources
- More Stakeholder Engagement
- Economic Development
- Workforce Development
- More Recycling
- Used Sustainable Procurement
- Better Solid Waste Management
- Reduced Energy Use/Conservation
- Reduced Water Consumption
- Increased Water Reuse
- Improved Surface Water Quality
- Ecosystem Services Protection or Enhancement
- Wetlands Preservation or Restoration
- Brownfields Restoration
- Improved Stormwater Management
- Enhanced Stormwater Quality
- Reduced Pesticide & Herbicide Use
- Protected Groundwater Quality
- Preserved Groundwater Availability
- Enhanced Wildlife Habitat
- Floodplain Preservation
- Reduction of Invasive Species
- Maximized Use of Native Plants
- Mitigated Heat Island Effects
- Used Products with Environmental Product Declarations
- Used Materials with Environmental Product Declarations
- Improved Soil Health
- Reduced Net Embodied Carbon
- Reduced Greenhouse Gas Emissions
- Reduced Air Pollutant Emissions
- Enhance Resilience
- Assessed Climate Change Vulnerability

Please Complete in Accordance with the Accompanying Instructions Which Provides Definitions and Guidance

- Evaluated Climate Risks
- Mitigated Project Risks
- Other: _____
- Other: _____

1. Describe Project Features Designed. For each of the outcomes checked, provide a description of the associated project feature that is anticipated to lead to the outcome. Explain how the feature leads to the outcome. For example, if net embodied carbon was reduced by 10% as compared to a traditional design approach by using a special concrete mix design, provide a short description of the mix design and how it reduced net embodied carbon.

project and identifying the features that will provide the desired sustainable infrastructure project outcomes. This is requested to provide a visual overview of the project and its associated sustainable infrastructure features.

SECTION 4 - INVESTMENT STAR (CONSTRUCTION PHASE COMPLETE):

This award is available to project teams who have completed construction of a project with features that deliver sustainability outcomes.

2. Design Documents. Provide a copy of the Title Sheet and Index Sheet from the design plans; or an explanation of why this is not available. This is requested to demonstrate that the design plans were completed.

1. Project Outcomes. Indicate which of the following sustainability outcomes were achieved from the *construction* of the project. If not listed, please write in the outcomes that were achieved. Check all that apply. The evaluating committee will make a subjective determination on whether the sustainability features considered are sufficient in comparison to the scale of the project.

3. Project Manual. Provide a copy of the Cover Page and Table of Contents from the Project Manual; or an explanation of why this is not available. This is requested to demonstrate that the Project Manual was completed.

- Enhanced Quality of Life
- Improved Health & Safety
- Reduced Noise or Light Impacts
- Enhanced Mobility/Transportation
- Increased Equity and Social Justice

4. Project Illustration or Schematic. Provide a diagram, illustration, or map showing the

Please Complete in Accordance with the Accompanying Instructions Which Provides Definitions and Guidance

- Protected Cultural Resources
- More Stakeholder Engagement
- Economic Development
- Workforce Development
- More Recycling
- Used Sustainable Procurement
- Better Solid Waste Management
- Reduced Energy Use/Conservation
- Reduced Water Consumption
- Increased Water Reuse
- Improved Surface Water Quality
- Ecosystem Services Protection or Enhancement
- Wetlands Preservation or Restoration
- Brownfields Restoration
- Improved Stormwater Management
- Enhanced Stormwater Quality
- Reduced Pesticide & Herbicide Use
- Protected Groundwater Quality
- Preserved Groundwater Availability
- Enhanced Wildlife Habitat
- Floodplain Preservation
- Reduction of Invasive Species
- Maximized Use of Native Plants
- Mitigated Heat Island Effects
- Used Products with Environmental Product Declarations
- Used Materials with Environmental Product Declarations
- Improved Soil Health
- Reduced Net Embodied Carbon
- Reduced Greenhouse Gas Emissions
- Reduced Air Pollutant Emissions
- Enhance Resilience
- Assessed Climate Change Vulnerability
- Evaluated Climate Risks
- Mitigated Project Risks
- Other: _____
- Other: _____

2. Describe Project Features Constructed. For each of the outcomes checked, provide a description of the associated project feature that was constructed and that provides the noted outcome. Explain how the feature led to the outcome. For example, if net embodied carbon was reduced by 10% as compared to a traditional design approach by using a special concrete mix design, provide a short description of the mix design and how it reduced net embodied carbon.

3. Construction Procurement Documents. Provide a copy of the Cover Page and Table of Contents from the Construction Management Plan or some other document to demonstrate that construction services were procured.

4. Construction Photos. Provide photographs of the fully constructed project features that provide the sustainability outcomes noted to demonstrate the elements were constructed.

SECTION 5 - INSPIRATION STAR (THIRD PARTY AWARD RECEIVED):

This award is available to project teams who have delivered a project that has received formal recognition for its sustainability accomplishments from another organization

Please Complete in Accordance with the Accompanying Instructions Which Provides Definitions and Guidance

that provides awards or recognition for sustainability accomplishments.

1. Name of Third-Party Award Received.

Provide the name of the award that was received. The award must recognize or celebrate projects with noteworthy sustainability outcomes. Some examples of awards that meet this requirement include: Envision Verified, Certified Eco-District, Certified Green Road, LEED Certified, and Sustainable Sites Certification. This is not a complete list of third-party awards that might be available to pursue.

2. Name of Organization Who Granted the Award: West Houston Association Sustainability Stars

3. Award Date. Provide the date the award was received:

4. Description of Award. Provide a description of the purpose of the award and what accomplishments or outcomes it recognizes and celebrates:

5. Award Eligibility. Provide a link to eligibility requirements and evaluation criteria used by the grantee to select award recipients:

6. Attach Copy of Award Certificate or other Evidence of Award Receipt.

SECTION 6 - INNOVATION STAR (EXCEPTIONAL OUTCOMES OR NOVEL APPROACH):

This award is available to projects that deliver exceptional triple bottom line benefits (above those delivered from a traditional project and above those delivered from a sustainable project) or to a project that applies a method, technology, or process that has not been used in the Houston region and overcomes a significant barrier, problem, or limitation.

There are two options to demonstrate innovation. The first option is to identify the sustainability outcomes delivered by the project and describe how they are exceptional, when compared to traditional projects or other sustainable infrastructure projects. The second option is to identify the unique or innovative method, technology, or process used to deliver one or more sustainability outcomes and describe how its use overcame a significant barrier, problem, or limitation. ***Applicant need only complete one of the two presented options.***

OPTION 1: Exceptional Triple Bottom Line Benefits

1. Sustainability Outcomes. Which of the sustainability outcomes listed below is delivered by the project? (Check all that apply.)

Enhanced Quality of Life

- Improved Health & Safety
- Reduced Noise or Light Impacts
- Enhanced Mobility/Transportation
- Increased Equity and Social Justice
- Protected Cultural Resources
- More Stakeholder Engagement
- Economic Development

Please Complete in Accordance with the Accompanying Instructions Which Provides Definitions and Guidance

- Workforce Development
- More Recycling
- Used Sustainable Procurement
- Better Solid Waste Management
- Reduced Energy Use/Conservation
- Reduced Water Consumption
- Increased Water Reuse
- Improved Surface Water Quality
- Ecosystem Services Protection or Enhancement
- Wetlands Preservation or Restoration
- Brownfields Restoration
- Improved Stormwater Management
- Enhanced Stormwater Quality
- Reduced Pesticide & Herbicide Use
- Protected Groundwater Quality
- Preserved Groundwater Availability
- Enhanced Wildlife Habitat
- Floodplain Preservation
- Reduction of Invasive Species
- Maximized Use of Native Plants
- Mitigated Heat Island Effects
- Used Products with Environmental Product Declarations
- Used Materials with Environmental Product Declarations
- Improved Soil Health
- Reduced Net Embodied Carbon
- Reduced Greenhouse Gas Emissions
- Reduced Air Pollutant Emissions
- Enhance Resilience
- Assessed Climate Change Vulnerability
- Evaluated Climate Risks
- Mitigated Project Risks

2. **Describe Exceptional TBL Benefits.**

Provide a description of the exceptional triple bottom line benefits realized by the project for each of the sustainability outcomes checked in Item No. 1 above. For example, a project that claimed to have

exceptionally increased water reuse might indicate that 75% of the water utility customers gained access to non-potable water for landscape irrigation and that potable water use declined by 85%. This scale of change would be deemed exceptional.

- OR -

OPTION 2: Project Delivery Approach that Overcomes Barriers

1. **Sustainability Outcomes.** Which of the sustainability outcomes listed below is delivered by the project? (Check all that apply.)

- Enhanced Quality of Life
- Improved Health & Safety
 - Reduced Noise or Light Impacts
 - Enhanced Mobility/Transportation
 - Increased Equity and Social Justice
 - Protected Cultural Resources
 - More Stakeholder Engagement
 - Economic Development
 - Workforce Development
 - More Recycling
 - Used Sustainable Procurement
 - Better Solid Waste Management
 - Reduced Energy Use/Conservation
 - Reduced Water Consumption
 - Increased Water Reuse
 - Improved Surface Water Quality
 - Ecosystem Services Protection or Enhancement
 - Wetlands Preservation or Restoration
 - Brownfields Restoration
 - Improved Stormwater Management
 - Enhanced Stormwater Quality

Please Complete in Accordance with the Accompanying Instructions Which Provides Definitions and Guidance

- Reduced Pesticide & Herbicide Use
- Protected Groundwater Quality
- Preserved Groundwater Availability
- Enhanced Wildlife Habitat
- Floodplain Preservation
- Reduction of Invasive Species
- Maximized Use of Native Plants
- Mitigated Heat Island Effects
- Used Products with Environmental Product Declarations
- Used Materials with Environmental Product Declarations
- Improved Soil Health
- Reduced Net Embodied Carbon
- Reduced Greenhouse Gas Emissions
- Reduced Air Pollutant Emissions
- Enhance Resilience
- Assessed Climate Change Vulnerability
- Evaluated Climate Risks
- Mitigated Project Risks

checked in Item No. 1 above. Describe barrier overcome by using the approach.

For example, a project that claimed to have increased equity and social justice might report that the project team trained and hired 500 low to moderate income people of color to conduct green infrastructure system maintenance on a full-time basis. No training program of this type has been conducted in the Houston region and low to moderate income people of color frequently don't have access to this type of job training and employment opportunity.

2. Describe Approach and Barrier Overcome.

Provide a description of the method, technology, or process that has not been used in the Houston region and overcomes a significant barrier, problem, or limitation used to achieve the sustainability outcomes

Please Complete in Accordance with the Accompanying Instructions Which Provides Definitions and Guidance

Please Complete in Accordance with the Accompanying Instructions Which Provides Definitions and Guidance

Please Complete in Accordance with the Accompanying Instructions Which Provides Definitions and Guidance

Please Complete in Accordance with the Accompanying Instructions Which Provides Definitions and Guidance