



Travis County Commissioners Court Agenda Request

Meeting Date: October 29, 2013

Prepared By/Phone Number: Gabe Stock, AIA, LEED AP, FMD, 45240

Dept. Head: Roger A. El Khoury, M.S., P.E., Director, FMD, 44579

County Executive: Leslie Browder, Planning and Budget, 49106

Sponsoring Court Members: Commissioner Margaret Gomez

AGENDA LANGUAGE:

Receive presentation regarding the LEED Gold Certification awarded by the United States Green Building Council for the SMART Facility in Precinct Four.

BACKGROUND/SUMMARY OF REQUEST:

On October 14, 2013, the SMART Facility was awarded the United States Green Building Council's (USGBC) Leadership in Energy and Environmental Design (LEED) rating of Gold. Points were awarded to the project under the categories of Sustainable Sites, Water Efficiency, Energy & Atmosphere, Materials and Resources, Indoor Environmental Quality and Innovation & Design. Attached is a document from USGBC showing the project ID, project name, and the project rating as Gold. Also attached is a brief summary about the LEED Gold SMART Facility.

The LEED Gold SMART Facility planning and design team who contributed to the LEED Gold Certification was:

- Facilities Management Department Architects who performed the programming, planning, architectural design, LEED team administration and project management.
- Doucet & Associates, Civil Engineers
- Coleman & Associates, Landscape Architects
- EEA Consulting Engineers, MEP Engineers
- Steinman Luevano Structures, Structural Engineers
- Harutunian Engineering, Commissioning Agent

The LEED Gold SMART Facility was constructed by Zapalac/Reed Construction Company LP.

STAFF RECOMMENDATIONS:

The Facilities Management Department recommends that Commissioners Court accept the presentation in acknowledgement that the SMART Facility is the second Travis County government building to achieve LEED Gold Level Certification.

ISSUES AND OPPORTUNITIES:

On January 27, 2009, the Commissioners Court approved a resolution to establish a Travis County Facilities Management Department Green Building Policy and authorized Facilities Management Department to fully implement its Green Building policy to promote consistent application of a sustainable building philosophy. The goal is established to target, to the greatest extent practical, the U.S. Green Building Council's Leadership in Energy and Environmental Design (LEED trademark) silver level certification for new facilities budgeted at one million dollars or over. The SMART Facility Gold certification exceeds the target.

FISCAL IMPACT AND SOURCE OF FUNDING:

None

ATTACHMENTS/EXHIBITS:

1. One page document from USGBC showing the project ID, project name, and the project rating as Gold.
2. One page summary about the SMART Facility.
3. One page of photos of the SMART Facility.

REQUIRED AUTHORIZATIONS:

N/A

SMART Facility

Austin TX 78617 US | Registered 11/6/2009

Certified



LEED
NEW BUDS/STRICTURE

Project ID 1000002392 | Access ID 302780908151943

Project Administrator: Gabriel Stock, AIA



Overview Post-Certification Scorecard Timeline Team Administration Registration Details Clarifications (0) Messages Formal Inquiries

Action Items

[Post-Certification Link](#)

Certified Project: This project is certified.

Credit Summary

Credits	Attempted	Awarded	Pending	Denied
Design	48 pts/21 crds	46 pts/20 crds		2 pts/1 crd
Construction	14 pts/12 crds	14 pts/12 crds		2 pts/1 crd
Total	62 pts/33 crds	60 pts/32 crds		

Certifications and Approvals : Certification



FACILITIES MANAGEMENT DEPARTMENT

Roger A. El Khoury, M.S., P.E., Director



1010 Lavaca St. Suite 400 • P.O. Box 1748, Austin, Texas 78767 • Phone: (512) 854-9661 • Fax: (512) 854-9226

**Travis County SMART Facility
Certified by USGBC as LEED Gold
3404 S. FM 973, Austin TX**

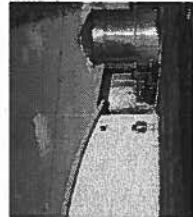
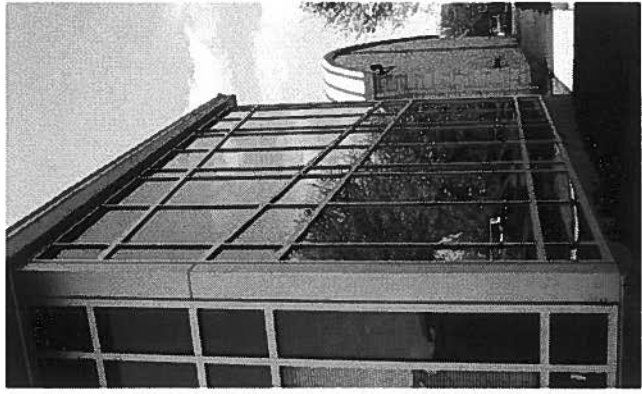
**FMD Project: SMART-01-08C-4N
FILE: 101**

On October 14, 2013, the SMART Facility was awarded the United States Green Building Council's LEED rating of Gold. Points were awarded to the project under the categories of Sustainable Sites, Water Efficiency, Energy & Atmosphere, Materials and Resources, Indoor Environmental Quality and Innovation & Design.

The SMART Facility showcases many environmentally friendly design features.

- The creative use of materials contributes to both sustainability goals and the SMART Facilities contemporary design.
- The buildings footprint was arranged to maximize natural light and views for most occupants.
- Low emission (Low E) glass was used to reduce the amount of heat coming into the building, which in turn reduces the electric load on the air conditioning.
- Forest Stewardship Council (FSC) certified wood materials were used.
- The structural steel had a high amount of recycled content.
- Low flow water fixtures and efficient landscape irrigation were used.
- Solar water heating panels provide pre-heated water throughout the Facility.
- Photovoltaic panels were installed to provide more than 10% of the facilities electrical needs.
- A thermal energy storage tank was installed to store energy in non-peak hours, so this energy can be used during peak energy hours.
- 87% of construction waste was recycled and/or diverted to locations other than the local landfill.
- All glues, adhesives, carpets and paints have low or zero emissions, keeping the atmosphere safe for employees and the public.

A lot of the energy efficient features may not be visually apparent, but are vital to the environmental impact of the SMART Facility. The SMART Facility's holistic design approach embodies the goals and vision of sustainable design.



TRAVIS COUNTY S.M.A.R.T. FACILITY