Roth IAMS
Integrated Asset Management Strategies

PROJECT TYPE: Facility Condition Assessments and Capital Asset Management Software

CLIENT NAME: University of Minnesota

PROJECT DATES: Fall 2022 to Present (5-Year Contract)

CLIENT IMPACT AND SUCCESS

By partnering with Roth IAMS, UMN achieved significant milestones in its asset management journey. The migration to SLAM CAP CAMS provided UMN with enhanced visibility into its facility conditions and streamlined capital planning processes. With data now readily available through SLAM's intuitive interface, UMN gained actionable insights to prioritize maintenance and investment decisions effectively. The project's success extended beyond technical achievements, fostering a collaborative environment between UMN and Roth IAMS, ensuring alignment with UMN's long-term goals.

PROJECT OVERVIEW

The University of Minnesota (UMN) embarked on a journey to enhance its facility and infrastructure asset management program. Having previously conducted Facility Condition Assessments (FCAs) and implemented a Capital Asset Management System (CAMS) across its multiple campuses, UMN sought a collaborative partner for a comprehensive 5-year engagement. Roth IAMS was selected to lead this endeavor, bringing its expertise to integrate the SLAM CAP CAMS, a cutting-edge asset management solution, into UMN's operations.

SCOPE AND OBJECTIVES

The project aimed to expand the scope of FCAs to include Central Utility Buildings and underground site infrastructure. Roth IAMS worked closely with UMN to configure the SLAM CAP portal for seamless migration of existing FCA data from the previous CAMS software.

The objectives encompassed not only data migration but also the enhancement of data visualization and capital planning functionalities for all buildings, laying the groundwork for a robust asset management strategy.

KEY DELIVERABLES AND CONSTRAINTS

Roth IAMS conducted a Pilot-Scale program on the Duluth Campus, validating assumptions and refining the data migration process. Subsequently, the project scaled up, deploying four assessment teams for the summer 2023 assessment season. Additionally, a focus was placed on completing infrastructure assessments within the same year. Throughout the process, Roth IAMS navigated complexities associated with integrating multivariable prioritization into UMN's SLAM CAP database, ensuring alignment with strategic objectives. Furthermore, the integration of FCA data with UMN's Computerized Maintenance Management System was planned for implementation in 2023, posing both technical and operational challenges.

CONCLUSION

As the Facility Condition Assessment program gains momentum, Roth IAMS remains committed to supporting UMN's evolving asset management needs. With a focus on innovation and collaboration, the partnership between Roth IAMS and UMN continues to drive tangible results, setting a precedent for excellence in higher education asset management.

Looking ahead, both parties are poised to leverage the integrated capabilities of SLAM CAP CAMS to further optimize operations and maximize the value of UMN's physical assets.

SLAM streamlined asset management

Sourcewell Formerly NJPA Awarded Contract Contract # 020421-RTH

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