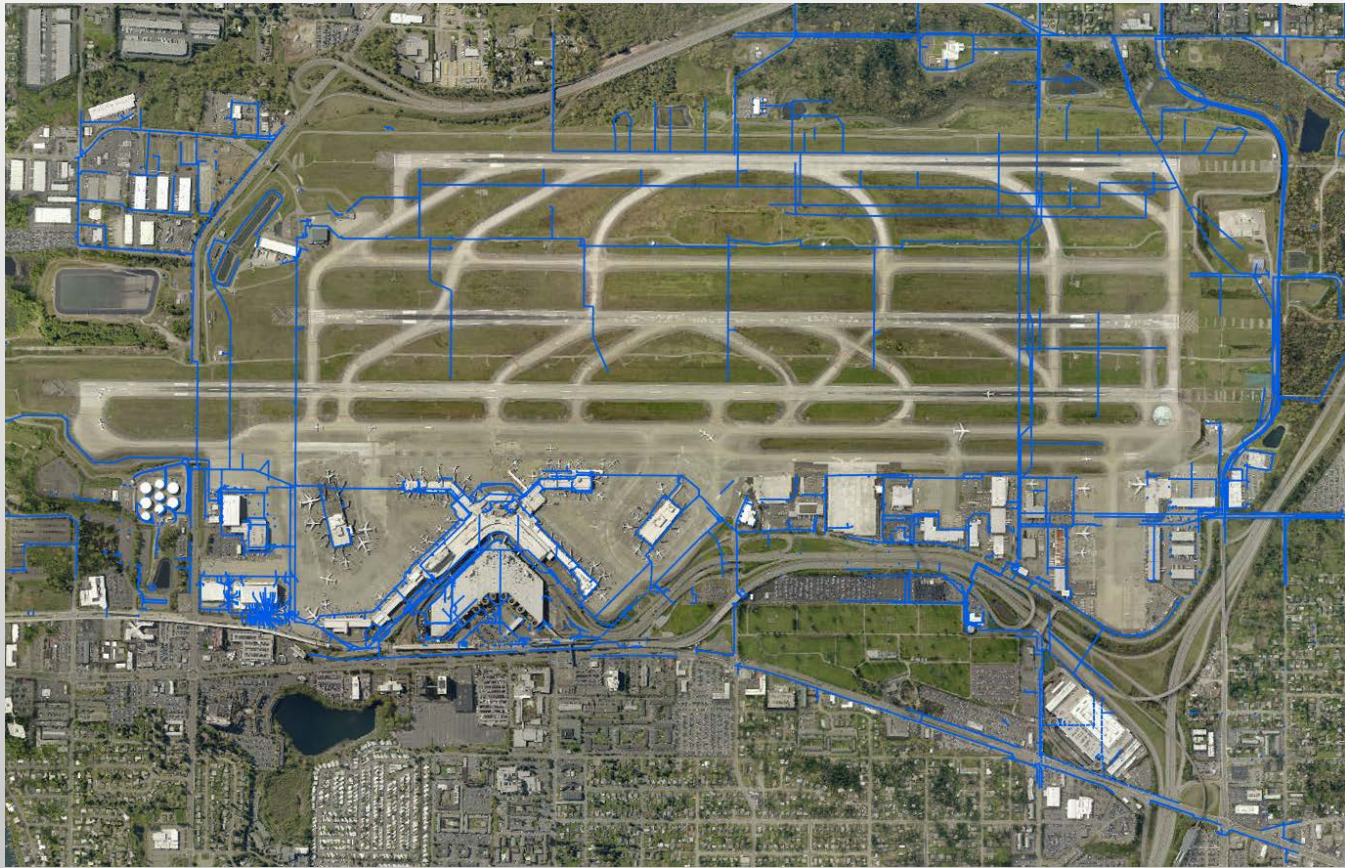


Utilities Master Plan



Needs

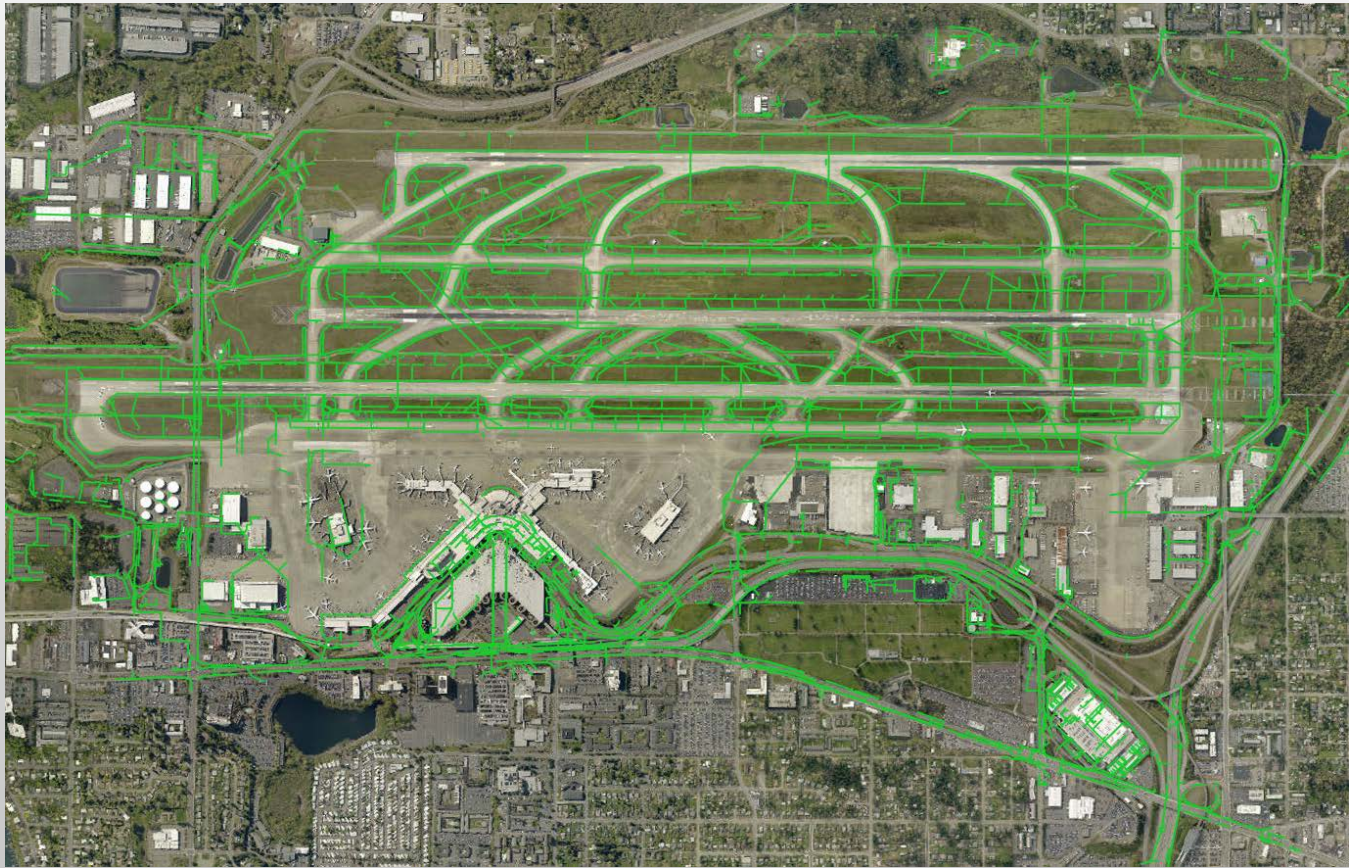
- Existing Utility Infrastructure Assessment
 - Condition
 - Capacity
- Long Term Capital Plan
 - Requirements Analysis
- Gap Assessment
 - Where the airport needs to invest to create utility capacity for current and future demands



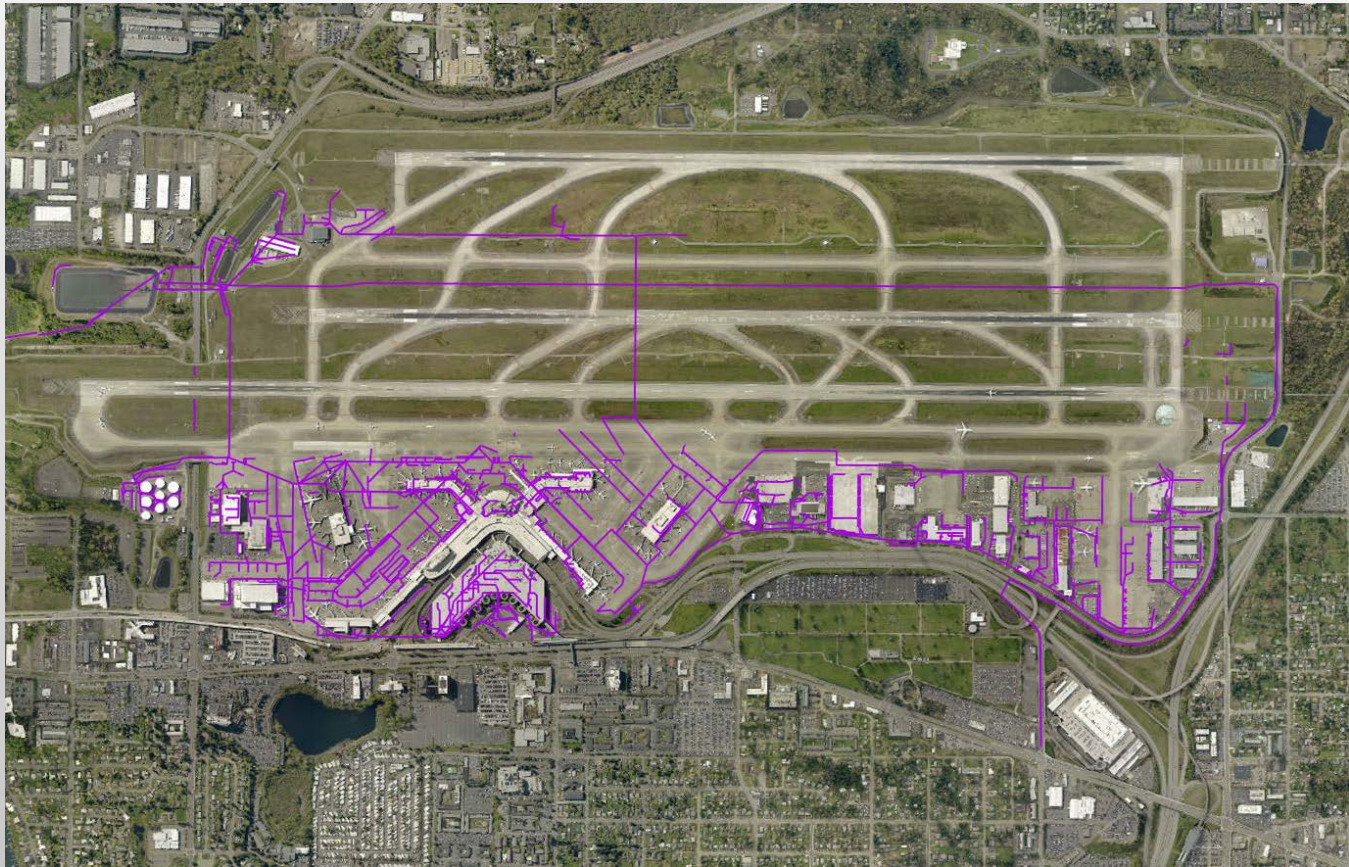
Water



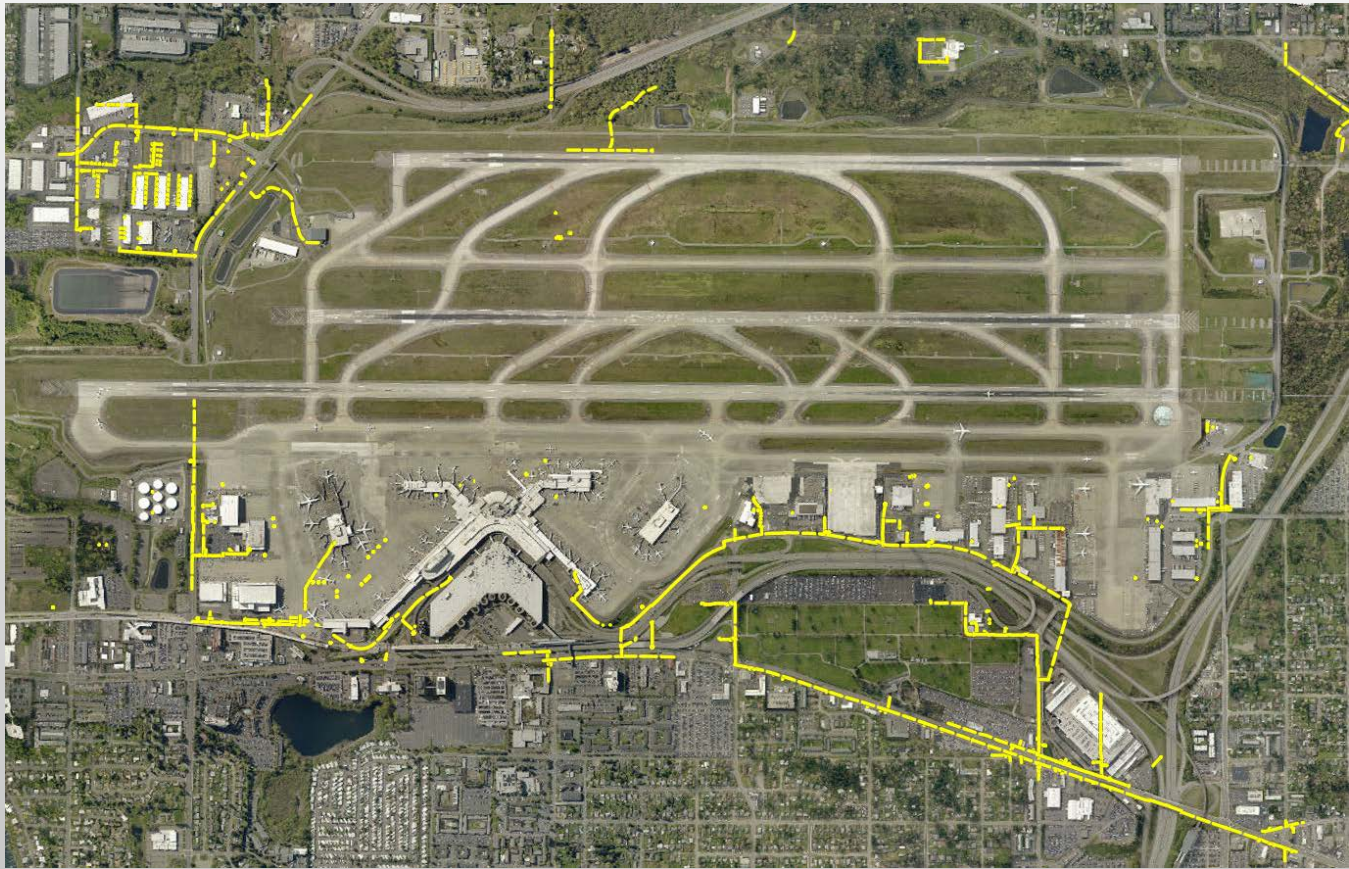
Sanitary Sewer



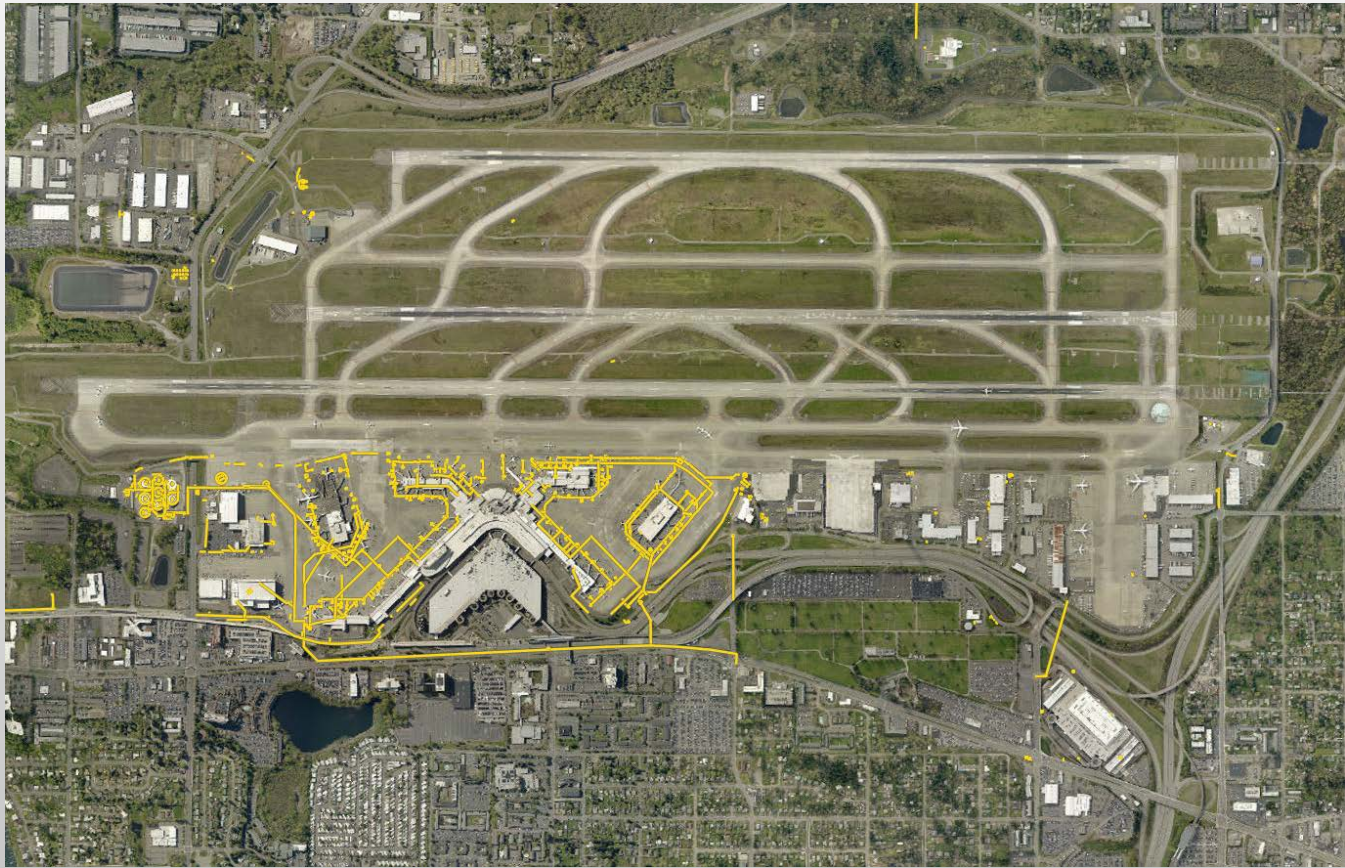
Storm Drainage



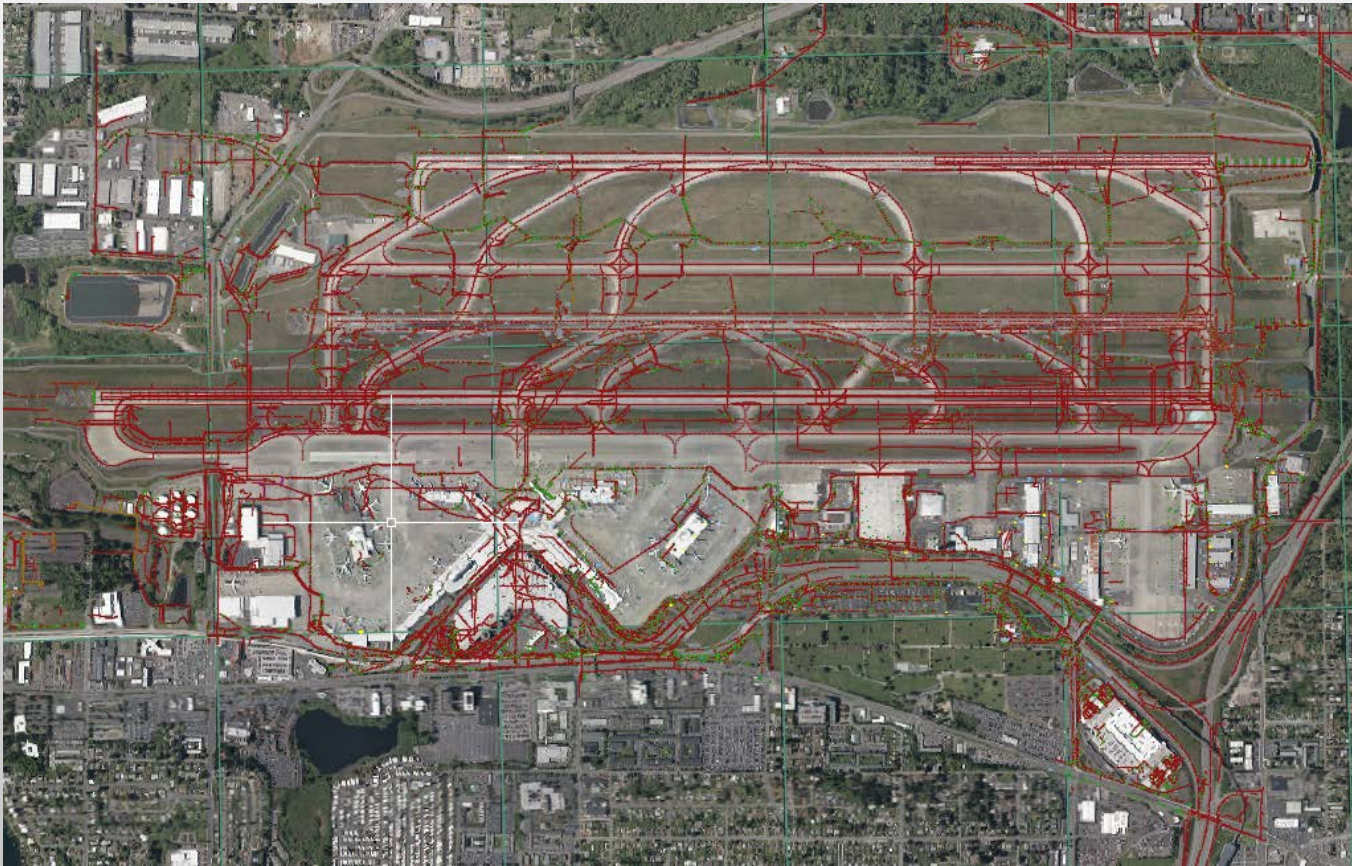
Industrial Waste System (IWS)



Natural Gas



Jet Fuel



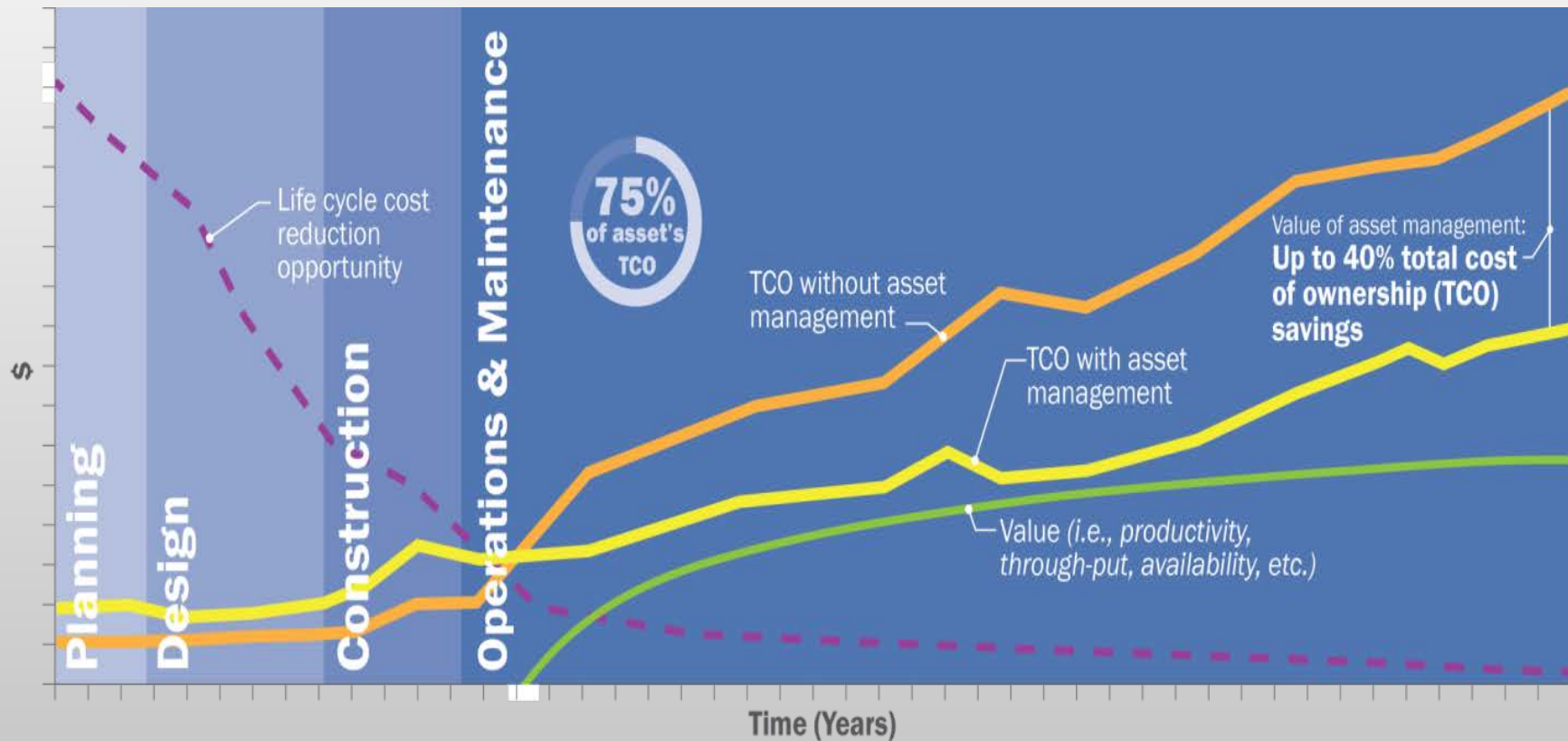
Power

Other Systems

- Steam/Condensate
- Chilled Water
- Hot water
- Pre Conditioned Air (PC Air)
- Solid Waste Utility
- Communication

Standards Development

- Utility System Standards
 - Guidance to Designers
 - Beyond minimum code requirements
 - System integration
 - Sustainability goals
 - Maintainability
 - Total Cost of Ownership



Standards Drive Total Cost of Ownership

Outcome

- A model of the Airport's utility infrastructure
- Updated utility infrastructure standards
- A comprehensive approach for the development of the airport's utility infrastructure:
 - Planned to support ultimate build out
 - Projects sequenced to support current and future demands
 - Cost effective implementation

Request

- Authorization to execute a contract with an engineering firm to perform master planning for Airport utility systems