Asset Management System

Asset Lifecycle

	Investment Planning	Stage Gate 1	Project Delivery	Stage Gate 2	Operations & Maintenance	Stage Gate 3	Decommission & Disposal	Stage Gate 4
STAGE DESCRIPTION:	Processes associated with Asset strategic and detailed planning		Processes associated with delivery of programs and projects		Processes associated with Asset operation and management		Processes associated with Asset decommission and disposition	

ASSET MANAGEMENT ORGANIZATIONAL COMPONENTS

STRATEGY — Governance Documents & Management Plans

FI-011 Asset Management Policy • FI-003 Materials Management Policy
FM-004 Asset Management Administrative Standard • FM-002 Materials Management Administrative Standard
Customer Level of Service (LOS) 🔧
State of the Infrastructure Report • Asset Management Plans
Quality Management Plan 🔧

Investment Planning	Project Delivery	Operations & Maintenance	Decommission & Disposal
Investment Planning Manual, Business Unit Asset Management Plan Framework & Guidelines	Project Management Manual including Contract Administration	Operations & Maintenance Management Guidelines, Work Management Guidelines	Asset Disposal Guidelines 🔧

PROCESS — Business Processes

Investment Planning
- Level of Service
- Strategic Planning
- Asset Risk Assessments
- Business Case Evaluation
- Investment Plans: Prioritization
- Project Delivery Methodology

Project Delivery Processes / Contract Administration / Public Engagement
- Project Delivery Plan Development
- Procurement
- Project Delivery Plan Management
- Commissioning
- Transfer to Owner
- Tangible Capital Asset

Organizational Change Management

Operations & Maintenance
- Haz-op Assessment
- Condition and Failure Mode Analysis
- Optimize Operations & Maintenance
- Asset Register Maintenance
- Insurance Updates
- Investment Requests

Decommission / Disposal
- Decommission
- Disposal

TECHNOLOGY — IT Solutions

PeopleSoft – Finance
Intergraph – GIS

Investment Planning	Project Delivery	Operations & Maintenance
VFA (PP&D)	Portfolio Project Management System 🔧	Oracle WAM (W&W)
VEMAX (PW)		Maximo (PP&D)
SMS (W&W)		TKMMS (PW)

PEOPLE — Human Resources

Asset Management Organizational Governance Framework
Communication • Stakeholder Engagement
Skill Development: Industry Specific Knowledge & Experience • Training • Practicum Experience • Mentoring and Coaching

PHYSICAL ASSETS — Stage Outputs (non-inclusive)

Investment Planning	Project Delivery	Operations & Maintenance	Decommission & Disposal
• Facilities Master Plan • Funding Strategies • Level of Service & Performance: long-range targets • 10-year Investment Forecast • Capital Budget • Risk Assessment Models • Project Delivery Model	• Project Charter & Project Delivery Plan • Preliminary Design Plan & Report • Procurement Methodology Report • Bid Opportunity & Contracts • Contract Certificates • Commissioning Plan & certificates • Risk & Opportunity Logs	• System Integration Master Plan • Asset Register • Optimize Operations and Maintenance Plan • Investment Requests	• Decommissioning Plan • Disposal Plan

🔧 **Future Work**

Last Updated: April 2019