Savannah River Site
Infrastructure Planning
Savannah River Site Infrastructure Management Process

**SRS Missions**
- Budget Formulation
- Funding Decisions
- Authorization to Perform Work

**Work Scope**
- Identification of Infrastructure Upgrade Needs
- Ongoing Maintenance Sustainment Needs

**Budgets/Funding**
- Authorization to Perform Work

**Costing/Prioritization**
- Work Scope Cost Estimating
- Site Prioritization of Infrastructure Needs
Savannah River Site (EM Portion) Infrastructure Management Process

Site Missions

Infrastructure Plan
- Work Scope Requirements/Needs
  - Program Specific Infrastructure
  - SRNL Infrastructure
  - Common Infrastructure Systems
- Cost Estimates (Planning IFI)
- Risk Evaluations
- Prioritization
- Maintenance & Repair Rqmts

Infrastructure Operations
- Condition Assessments
- Maintenance & Repair History
- Upgrades / Replacements

IPL/Budget Formulation Process
- Prioritized Infrastructure Rqmts
  - PBS 11C, PBS 25
  - PBS 41, PBS 30
  - PBS 13, SRNL
  - PBS 14C, Common
  - PBS 20
- Infrastructure Funding Type
  - M&R, Line Item
  - GPP, MIE
  - IGPP, Capital Asset
- Infrastructure Projects Data Base

Work Scope/Costing

Prioritization/Budgets/Funding

FIMS & CAIS

Contractor Baseline Update

Infrastructure Work Authorization / Execution

Headquarters
- Data Calls
- IPL / Budgets
- IFI Crosscut
- 5 Year Infrastructure Plan

5 Year View
Savannah River Site Infrastructure Management Process

Site Infrastructure Data Consolidation & Prioritization

SRNS
- Cost Estimates, Risk Evaluations, Actuals

SRNS
- PBS 11C
- PBS 41
- PBS 13
- PBS 20
- PBS 25*
- PBS 30
- SRNL
- Common

SRR
- Cost Estimates, Risk Evaluations, Actuals

SRR
- PBS 14C

Requests / Updates / Actuals

Prioritization Decisions / Record Validation

SRNS Infrastructure Data Base
- M&R Base
- M&R Add'l
- GPP / IGPP
- Line Item
- MIE
- Capital Asset

SRR Infrastructure Data Base
- M&R Base
- M&R Add'l
- GPP / IGPP
- Line Item
- MIE
- Capital Asset

SRNS Infrastructure Data Base
- Risk Analysis
- Direct Costs
- Program/Company Prioritization

SRR Infrastructure Data Base
- Risk Analysis
- Direct Costs
- Program Prioritization

Federal Infrastructure Data Base
- Contractor Data Consolidation & Validation
- Burdened Costs Application
- Site Prioritization
- GPP Projects Identified for PBS 202

Site Prioritized Master Infrastructure List (MIL)

Federal / Contractor Site Prioritization Reviews

Requests / Updates / Actuals

Prioritization Decisions

Contractor Baseline Update

* PBS 25 (Cyber) to be implemented in FY18

Headquarters
- Data Calls
- Budget / IPL
- IFI Crosscut
- 5 Year Site Plan

Prioritization Decisions / Record Validation
SRS Infrastructure – 2,300 Infrastructure Facilities
(Real Property + Programmatic/Processing Equipment)

Common Infrastructure Facilities
1,000

Program Infrastructure Facilities
1,000

SRNL Infrastructure Facilities
300

Examples
River Pump House
Communications Building
Admin Building

Examples
H Canyon
DWPF
SWPF

Examples
Laboratory

Infrastructure Components

Real Property
(Asset Structure including HVAC, electric, roofs, etc.)
Condition Assessments addressed in CAIS Program
Note: Deferred Maintenance is calculated only on Real Property

Programmatic/Processing Equip
(Includes items such as Pumps, Telephone Switching Equip, Melters, Dissolvers, Glove Boxes, etc.)
Condition Assessments addressed in System Health Plans