

# Industrial Wastewater Treatment Plant (IWTP) Enhancements

Pre-Construction Services

CIP C801234

# Purpose/Scope

Install an onsite pre-treatment facility

- Technology: Aerated Gravel Beds (AGBs)
- Located in Runway Protection Zone

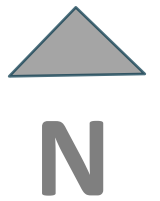
Upgrade existing IWTP facility

- PLC Controls
- Equipment upgrades
- Building modifications



# IWTP Location

IWTP



# IWTP Overview

- **IWTP** – Industrial Wastewater Treatment Plant
- **IWS** – Industrial Wastewater System – includes runoff from:
  - Aircraft hangars
  - Cargo areas
  - Deicing areas
  - Maintenance facilities
  - Passenger loading areas
- Discharges to Puget Sound and King County Sewer System

# Example Aerated Gravel Bed Units at Cincinnati Airport



# Project Budget & Schedule

**CIP: C801234**

**Budget:** \$200,000,000 - \$300,000,000

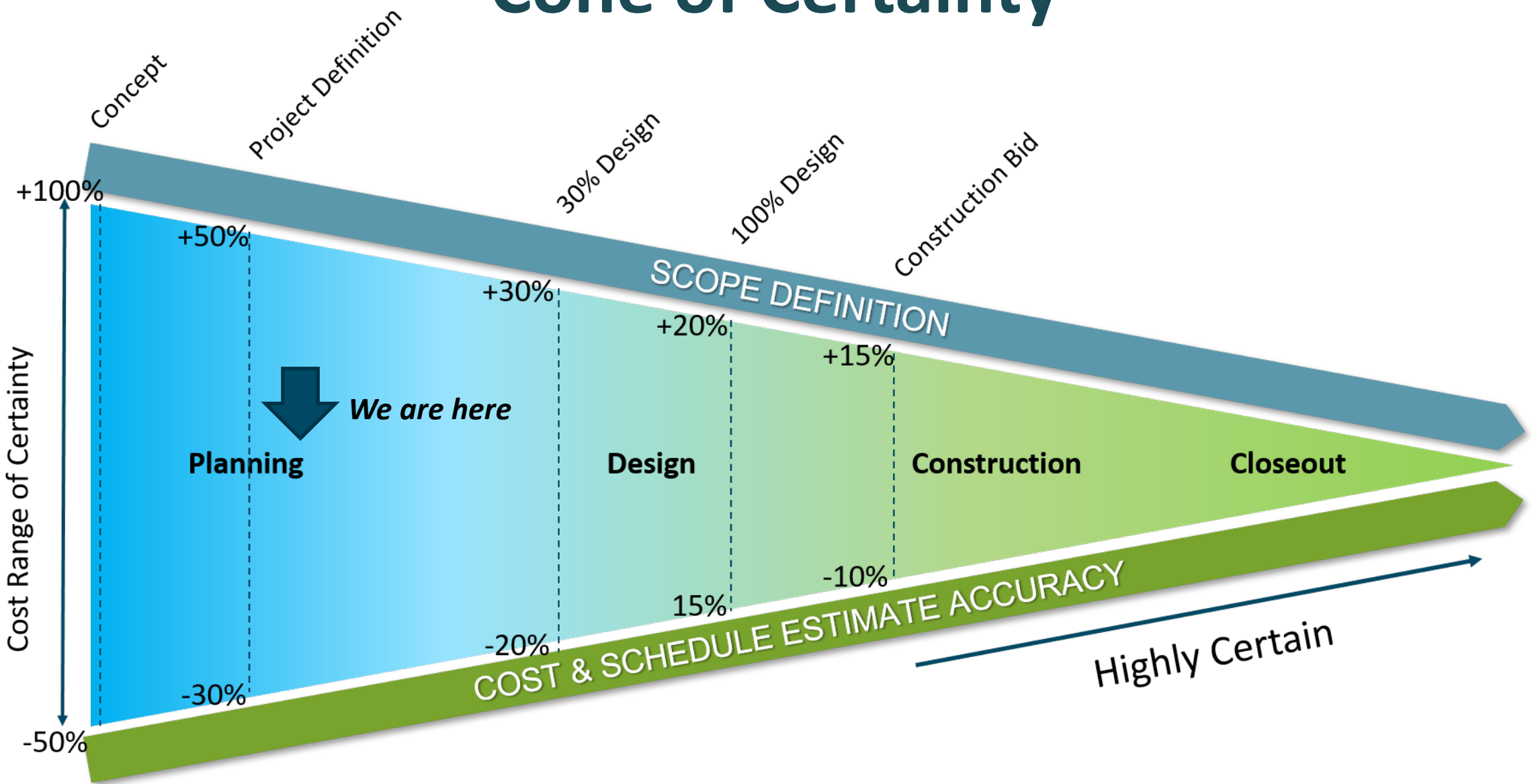
**Previous Authorization:** \$13,635,000

**Current Request:** \$6,500,000

## Key Schedule Milestones:

- 30% Design Kickoff: August 2024
- 30% Design Complete: April 2025
- Full Design Authorization: 2Q 2025
- Construction Authorization: Q2 2026
- Construction Start: Q3 2026
- In-Use Date: Q4 2028

# Cone of Certainty



# Action Requested

- 1) Advertise and execute a General Contractor, Construction Manager (GC/CM) construction contract and authorize pre-construction services for CIP# C801234.