

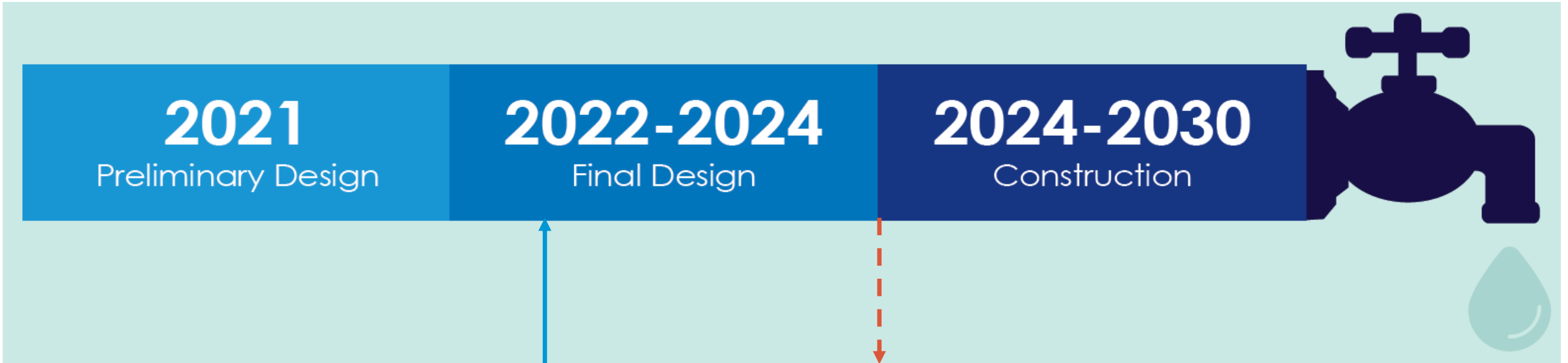


Alternative Water Source Program

Stantec Amendment 3 - Program Management and Final Engineering

August 15, 2022

ALTERNATIVE WATER SOURCE PROGRAM SCHEDULE



- ✓ Lake Michigan Allocation
- ❖ Chicago Coordination
- ✓ Water Commission Formation
- ✓ Funding Initiatives
- ❖ Preliminary Engineering - Commission
- ❖ Preliminary Engineering - Joliet



- Legend
- ❖ Activity in Progress
 - ✓ Activity Completed

CONTRACT PROGRESSION – Stantec



Original Scope

(April 2020 – Jan 2021)

RWC: \$ 0
Joliet: \$3,477,804
Total: \$3,477,804

- Final Alternative Evaluation
 - CDWM Alternative
 - Indiana Intake Alternative
- Scope Complete

Amendment 1

(Feb 2021 – Dec 2022)

RWC: \$14,113,386
Joliet: \$ 3,807,515
Total: \$17,920,901

- Preliminary Engineering
 - Oversight/Program Mgmt
 - External Coordination
 - Engineering
 - Project Management
- Scope ~70% Complete

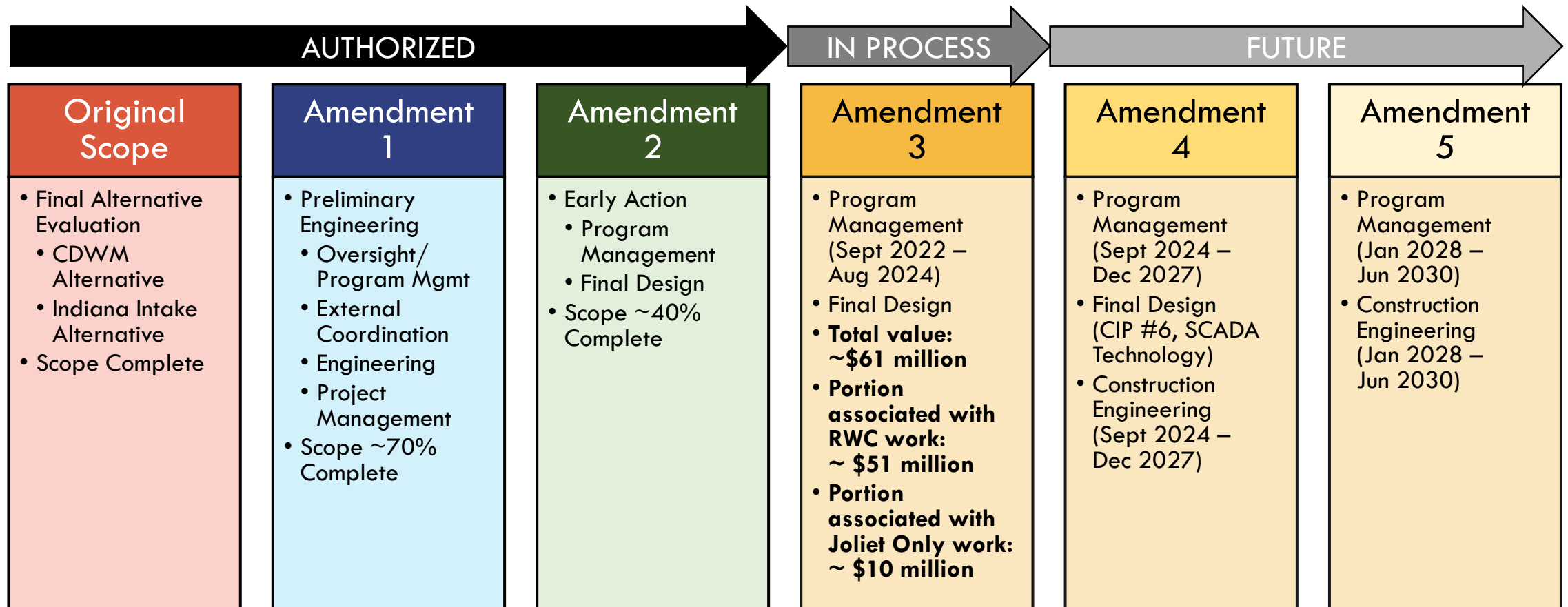
Amendment 2

(May 2022 – Aug 2022)

RWC: (\$ 348,007)
Joliet: \$ 348,007
Total: \$ 0

- Early Action
 - Program Management
 - Final Design
- Scope ~40% Complete

CONTRACT PROGRESSION – Stantec



STANTEC PROGRAM TEAM



Program Mgmt/Engineering

- Stantec Consulting Services, Inc.
 - Crawford, Murphy & Tilly
 - Engineering Enterprises, Inc.
 - Strand Associates, Inc.
 - V3 Companies, Ltd.
 - Cornwell Engineering Group, Inc.
 - Images, Inc. (Public Outreach)
 - Edward J. Batis (Appraiser)

The Program Team is committed to utilizing **Local and Disadvantaged Business Enterprises (DBEs)** to support its services for the Alternative Water Source Program

- RFQ for Geotechnical Field Investigation Services issued January 13, 2022
- RFQ for Professional Design Services to be issued September 2022



STANTEC AMENDMENT No. 3

Total Amount ~ \$61 million



- Final Engineering Design for **RWC Improvements**

- ~60 miles of transmission main*
- 3 – 55.3 MGD pump stations
- 14 – water delivery structures
- Regional SCADA system
- 2 – standpipes
- Program Mgmt, Outreach, External Coordination, Funding Support (through August 2024)
- Total for RWC Improvements ~ **\$51 Million**

- Final Engineering Design for **Joliet Only Improvements**

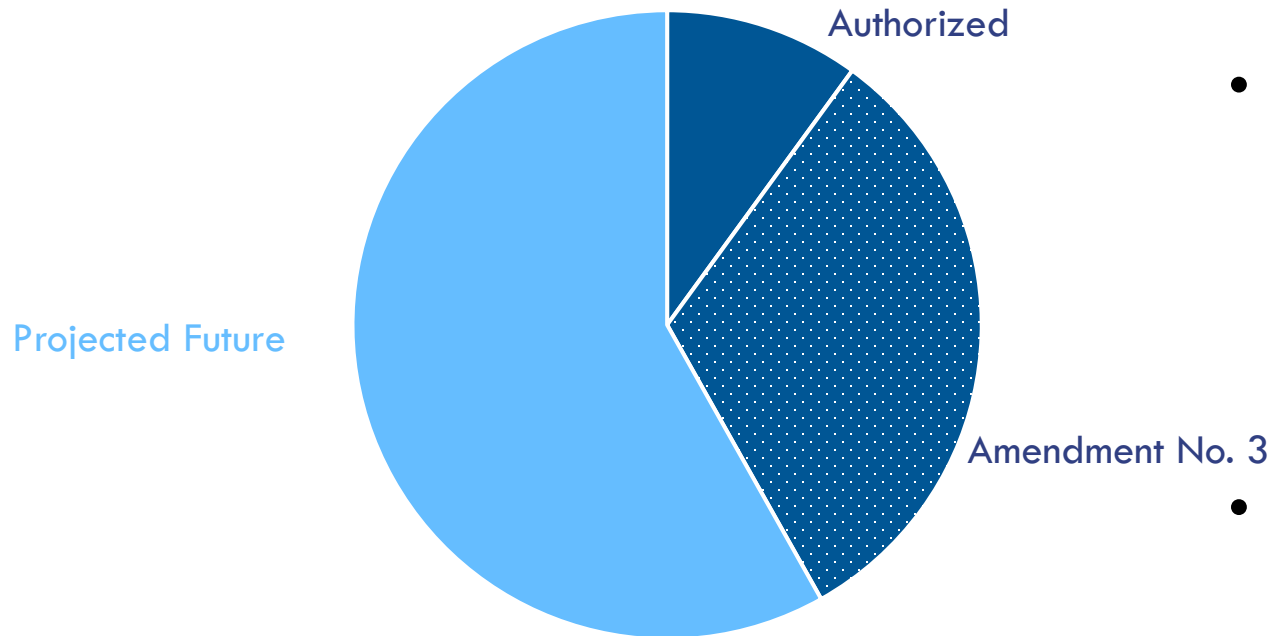
- 6 – distribution pump stations
- 7 – standpipes or elevated water tanks
- Distribution main improvements
- Local SCADA system updated
- New Water and Sewer Garage and Administration Facility
- Program Mgmt, Outreach, External Coordination, Funding Support (through August 2024)
- Total for Joliet Only Improvements ~ **\$10 Million**

* Design for approximately 25 miles of regional main will only be advanced to 30% design under Amendment 3. Funding for completion of this design will be included in future Amendment 4.

AWSP DEVELOPMENT BUDGET



AWSP Development Budget Total = \$190 million
(\$166M – Regional; \$24M – Joliet Only)



- AWSP Development Costs - Authorized
- AWSP Development Costs - Amend 3
- AWSP Development Costs - Remaining

- **Development Costs include:**

- Design engineering
- Permitting
- Land Acquisition
- Legal, Advocacy, Financial services
- Engineering services during construction

- **Amendment 3** is within the budget for Development Costs for the Alternative Water Source Program as included in Joliet's WIFIA loan.

AWSP COST ALLOCATION – REGIONAL



Commission Member	Declared 2050 Maximum Day Demand (MGD)	% of 2050 Maximum Day Demand (%)	Development Costs Allocation* (escalated) (\$M)	Constr. Capital Allocation* (escalated) (\$M)	Capital Cost Allocation* (escalated) (\$M)	Dev. Capital Contribution* (escalated) (\$M)	Constr. Capital Allocation* (escalated) (\$M)
Crest Hill	4.18	7.6%	\$12.6	\$53.8	\$66.3		\$66.3
Minooka	4	7.2%	\$12.0	\$51.5	\$63.5		\$63.5
Shorewood	4.8	8.7%	\$14.4	\$61.7	\$76.2		\$76.2
Joliet	32	57.9%	\$96.1	\$411.7	\$507.8	\$166	\$341.8
Channahon	4.04	7.3%	\$12.1	\$52.0	\$64.1		\$64.1
Romeoville	6.25	11.3%	\$18.8	\$80.4	\$99.2		\$99.2
Commission Totals	55.27	100%	\$166	\$711	\$877	\$166	\$711

*Capital Costs are assumed to be \$12.9M/MGD in 2020 dollars. Numbers in the table have been escalated to mid-point of construction (2027) for illustration purposes.

STANTEC AMENDMENT 3 – REVIEW/APPROVAL PROCESS



July 19th to Aug 10th

- Review by Joliet staff and Independent Review Firm

August 10th

- Technical Advisory Working Group (TAWG) Briefing

August 15th

- Joliet City Council Briefing

August 24th

- Address/Resolve TAWG Questions

August 25th

- Address/Resolve MMAWG Questions

September 6th

- Consideration by Joliet City Council



QUESTIONS?



www.RethinkWaterJoliet.org