

ATTACHMENT 3: CAP REVIEW COORDINATION SHEETS

Project Information Sheet

Project Name: Stump Creek, Little Rock AR (Pulaski County)

CAP Authority: 208 Clearing and Snagging

P2 Number: 488123

District: Little Rock

District Contact: [REDACTED], 501-324-7342,
[REDACTED]

RMO: Southwestern Division

RMO Contact: [REDACTED], 469-487-7057

Location: Stump Creek, Little Rock, Pulaski County, Arkansas

Authority: Section 208 of the Flood Control Act 1954, as amended (33 USC 701g), authorizes the USACE to study, adopt and construct in-stream clearing and snagging projects in the interest of flood risk management. Per ER 1105-2-100: "This authority provides for minimal measures to reduce nuisance flood damages caused by debris and minor shoaling of rivers. This authority is treated as a flood damage reduction project for policy eligibility and cost sharing purposes."

Sponsor: City of Little Rock, Arkansas

Project Area: Stump Creek east and southeast of Reck Road and for approximately 2,000 river feet. Stump Creek is a tributary to Fourche Creek.

Problem Statement: Due to sediment and debris choking Stump Creek, flows from higher precipitation events leave the creek and damage private homes, primarily in the spring and summer months.

Federal Interest: Federal interest for a Section 208 CAP project is determined by having a potential for an alternative for the project area to meet CAP criteria. The PDT believes that Alternatives 2, 3 and 4 (as presented in the FID) could be implemented within the limits of the CAP program. Therefore, this criterion for Federal interest is considered met. Further, in order to show Federal interest the study must have a local Sponsor willing to cost share for the feasibility costs over \$100,000. The letter in FID Attachment 1 expresses interest by the City of Little Rock to collaborate in a feasibility study. A site visit was conducted 26 October 2020. Based on all available information to date, a potential for Federal Interest was confirmed and the FID memorandum signed by the Director, RPEC Civil Works on 2021-01-26.

Risk Identification:

H&H – No existing hydrologic or hydraulic information. Models based upon existing aerial and LiDAR mapping, topography, and Manning's N co-efficient

Environmental – In order to meet SWD CAP Improvement Plan schedules, either high

or low risk, field visits must be done in late winter / early spring when vegetation identification is more difficult & many resident animal species may not be present, including threatened and endangered birds.

Cultural – The vegetation is so thick within the anticipated project footprint that it is possible to miss unknown cultural sites prior to project implementation.

Real Estate – It is possible that one or more property owners may not desire the portion of Stump Creek that flows along their property to be cleared. It is possible that one or more property owners may not allow USACE or its contractors to traverse their property for construction access.

Milestone Schedule

	Scheduled	Actual	Complete
Federal Interest Determination:	<i>(enter date)</i>	Jan 2021	Yes
Tentatively Selected Plan:	July 2021	<i>(enter date)</i>	<i>(Yes/No)</i>
Release Draft Report to Public:	Nov 2021	<i>(enter date)</i>	<i>(Yes/No)</i>
Final Report Transmittal:	Jan 2022	<i>(enter date)</i>	<i>(Yes/No)</i>

Table 6 - Levels of Review

Product(s) to undergo Review	Review Level	Start Date	End Date	Cost
Draft Feasibility Report and EA	DQC & Legal Review	16-Aug-21	24-Sep-21	\$8,000.00
Draft Feasibility Report and EA	ATR, Policy & Public Review	27-Sep-21	29-Oct-21	\$8,000.00
Final Feasibility Report and EA	DQC & Legal Back check	15-Nov-21	26-Nov-21	\$3,000.00
Final Feasibility Report and EA	ATR & Policy Back check	29-Nov-21	10-Dec-21	\$3,000.00



Figure 2 - Stump Creek 208 Project Extent

VERSION 1.0

TEAM ROSTERS

PROJECT DELIVERY TEAM			
Name	Office	Position	Phone Number
██████████	SWL	Project Manager	501-324-7342
██████████	SWF	Lead Planner	918-629-7031
██████████	SWL	Hydraulic Engineer	501-324-5722
██████████	SWF	Economist	501-324-7343
██████████	RPEC	Biologist	501-324-5018
██████████	RPEC	Archeologist	501-340-1049
██████████	RPEC	Environmental Engineer	817-886-1788
██████████	SWL	Civil Engineer	501-324-5104
██████████	SWL	Cost Engineer	501-324-5232
██████████	SWL	Realty Specialist	501-324-1215
██████████	SWL	Program Analyst	501-340-1054

DISTRICT QUALITY CONTROL TEAM			
Name	Office	Discipline	Phone Number
██████████	SWF	Lead / Planning	918- 669-4339
██████████	SWL	H&H / Civil Engineering	501-324-5542
██████████	SWF	Economics	713-252-6028
██████████	SWF	Biology	817-886-1828

DISTRICT QUALITY CONTROL TEAM			
██████████	SWF	Archeology	817-886-1850
██████████	SWL	Cost Engineering	501-324-5689
██████████	SWL	Real Estate	501-340-1205

AGENCY TECHNICAL REVIEW TEAM			
Name	Office	Discipline	Phone Number
██████████	Review Lead - SWG	Economics	409-766-3841
TBD		Planning	
TBD		H&H	
TBD		Economics	
TBD		Biology	
TBD		Archeology	
TBD		HTRW	
TBD		Civil Engineering	
TBD		Cost Engineering	
TBD		Real Estate	

VERTICAL & POLICY REVIEW TEAM			
Name	Office	Discipline	Phone Number
██████████	SWD	Planning	469-487-7063
██████████	SWD	Economics	469-487-7065
██████████	SWD	Environmental	469-487-7020
██████████	SWD	Engineering & Construction	469-487-7073

VERTICAL & POLICY REVIEW TEAM

██████████	SWD	Real Estate	469-487-7039
██████████	SWD	Office of Counsel	469-487-7010

Anticipated Planning & Engineering Models

Model Name and Version	Brief Description of the Model and How It Will Be Applied in the Study	Approval Status	Peer Review Anticipated
Unnamed	Excel spreadsheet-based model similar to what we would use for a levee PIR	N/A	No
HEC-RAS	Allows the user to perform one-dimensional steady flow, one and two-dimensional unsteady flow calculations, sediment transport/mobile bed computations, and water temperature/water quality modeling. Will use the first three uses in this study.	Yes	No
HEC-HMS	Simulates the complete hydrologic processes of dendritic watershed systems. Will provide event infiltration, unit hydrographs, and hydrologic routing.	Yes	No

