

FINAL 2022 CAPITAL INVESTMENT STRATEGY UPDATE

Inland Waterways Users Board Meeting No. 98
Galveston, TX

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Headquarters
U.S. Army Corps of Engineers
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US Army Corps
of Engineers®





TABLE 1. 2022 BASELINE SCENARIO FROM FY 2023 – FY 2042 (\$M)

Project	Project Description	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034	FY2035	FY2036	FY2037	FY2038	FY2039	FY2040	FY2041	FY2042	Inflated cost to complete (FY23 - FY42)	
Monongahela Locks & Dams 2, 3, & 4	New 720 ft lock	See notes #1 & #2.																				\$ -	
Kentucky Lock Addition	New 1200 ft lock			75	168	62	27															\$ 332	
Chickamauga Lock	New Lock	39																				\$ 39	
MKARNS Three Rivers	channel protection	See notes #1 & #2.																				\$ -	
Montgomery Lock	New 600 ft lock	See notes #1 & #2.																				\$ -	
NESP Lock 25	New 1200 ft lock	See notes #1 & #2.																				\$ -	
TJ O'Brien Major Rehabilitation	Major rehab.	See notes #1 & #2.																					\$ -
Emsworth Lock	New 600 ft lock	106	109	113	116	120	123	127														\$ 814	
MKARNS 12' Channel	channel deepening	See note #2.																				\$ -	
NESP LaGrange Lock	New 1200 ft lock	96	99	102	105	109	112	115														\$ 738	
Dashiields Lock	New 600 ft lock							123	127	131	135	139	143	148								\$ 944	
Brazos River Floodgates	New sector gate							81	84	87	17											\$ 269	
NESP Lock 24	New 1200 ft lock									157	162	167	172	178	183	189						\$ 1,208	
NESP Lock 22	New 1200 ft lock										137	141	145	150	154	159	164					\$ 1,051	
NESP Lock 21	New 1200 ft lock															206	213	219	226	233	240	\$ 1,338	
NESP Peoria Lock	New 1200 ft lock																	160	165	170	176	\$ 671	
Colorado River Locks	2 new sector gates																					\$ -	
NESP Upper Miss. River L&D 20	New 1200 ft lock																					\$ -	

NOTES:
 1. Projects were funded to complete based on the estimated Total Project Cost (TPC) at the time of appropriation.
 2. Project schedule and cost estimate are under review.
 3. The 20-yr construction total (FY 2023 – FY 2042) is \$7,045M. All the projects are completed in FY 2052 for a total of \$10,135M.

The 2022 update to the 2020 CIS Report is a planning framework and does not take the place of the normal budget processes or represent a commitment by the Administration to budget the amounts shown.



TABLE 2. 2022 ENHANCED SCENARIO FROM FY 2023 – FY 2042 (\$M)



Project	Project Description	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034	FY2035	FY2036	FY2037	FY2038	FY2039	FY2040	FY2041	FY2042	Inflated cost to complete (FY23 - FY42)									
Monongahela Locks & Dams 2, 3, & 4	New 720 ft lock	See notes #1 & #2.																				\$ -									
Kentucky Lock Addition	New 1200 ft lock			75	168	62	27						NOTES: 1. Projects were funded to complete based on the estimated Total Project Cost (TPC) at the time of appropriation. 2. Project schedule and cost estimate are under review. 3. The 20-yr construction total (FY 2023 – FY 2042) is \$8,449M. All the projects are completed in FY 2043 for a total of \$8,449M.									\$ 332									
Chickamauga Lock	New Lock	39																													\$ 39
MKARNS Three Rivers	channel protection	See notes #1 & #2.																													\$ -
Montgomery Lock	New 600 ft lock	See notes #1 & #2.																													\$ -
NESP Lock 25	New 1200 ft lock	See notes #1 & #2.																													\$ -
TJ O'Brien Major Rehabilitation	Major rehab.	See notes #1 & #2.																					\$ -								
Emsworth Lock	New 600 ft lock	106	109	113	116	120	123	127															\$ 814								
MKARNS 12' Channel	channel deepening	See note #2.																					\$ -								
NESP LaGrange Lock	New 1200 ft lock	96	99	102	105	109	112	115															\$ 738								
Dashields Lock	New 600 ft lock		105	109	112	116	119	123	127														\$ 810								
Brazos River Floodgates	New sector gate		70	72	74	17																	\$ 233								
NESP Lock 24	New 1200 ft lock		127	131	135	139	143	148	152														\$ 976								
NESP Lock 22	New 1200 ft lock		107	110	114	117	121	125	129														\$ 823								
NESP Lock 21	New 1200 ft lock								167	172	177	183	188	194	200								\$ 1,281								
NESP Peoria Lock	New 1200 ft lock									125	129	133	138	142	146	151							\$ 964								
Colorado River Locks	2 new sector gates									135	139	144											\$ 418								
NESP Upper Miss. River L&D 20	New 1200 ft lock														133	137	141	145	150	154	159	\$ 1,019									

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TABLE 3. 2022 MAXIMIZED SCENARIO FROM FY 2023 – FY 2042 (\$M)

Project	Project Description	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034	FY2035	FY2036	FY2037	FY2038	FY2039	FY2040	FY2041	FY2042	Inflated cost to complete (FY23 - FY42)									
Monongahela Locks & Dams 2, 3, & 4	New 720 ft lock	See notes #1 & #2.																				\$ -									
Kentucky Lock Addition	New 1200 ft lock			75	168	62	27						NOTES: 1. Projects were funded to complete based on the estimated Total Project Cost (TPC) at the time of appropriation. 2. Project schedule and cost estimate are under review. 3. The 20-yr construction total (FY 2023 – FY 2042) is \$7,951M. All the projects are completed in FY 2034 for a total of \$7,951M.									\$ 332									
Chickamauga Lock	New Lock	39																													\$ 39
MKARNS Three Rivers	channel protection	See notes #1 & #2.																													\$ -
Montgomery Lock	New 600 ft lock	See notes #1 & #2.																													\$ -
NESP Lock 25	New 1200 ft lock	See notes #1 & #2.																													\$ -
TJ O'Brien Major Rehabilitation	Major rehab.	See notes #1 & #2.																					\$ -								
Emsworth Lock	New 600 ft lock	106	109	113	116	120	123	127															\$ 814								
MKARNS 12' Channel	channel deepening	See note #2.																					\$ -								
NESP LaGrange Lock	New 1200 ft lock	96	99	102	105	109	112	115															\$ 738								
Dashields Lock	New 600 ft lock			109	112	116	119	123	127	131													\$ 836								
Brazos River Floodgates	New sector gate			72	74	77	17																\$ 240								
NESP Lock 24	New 1200 ft lock			131	135	139	143	148	152	157													\$ 1,006								
NESP Lock 22	New 1200 ft lock			110	114	117	121	125	129	133													\$ 848								
NESP Lock 21	New 1200 ft lock			143	147	152	157	162	167	172													\$ 1,099								
NESP Peoria Lock	New 1200 ft lock					111	114	118	122	125	129	133											\$ 854								
Colorado River Locks	2 new sector gates					120	123	127															\$ 370								
NESP Upper Miss. River L&D 20	New 1200 ft lock					101	104	107	110	114	117	121											\$ 774								

The 2022 update to the 2020 CIS Report is a planning framework and does not take the place of the normal budget processes or represent a commitment by the Administration to budget the amounts shown.



ACTIONS TO DATE AND NEXT STEPS



- ✓ Initial meeting held with Industry representatives and USACE personnel on March 28th to review CIS 2020 report and to discuss process for reporting updates
- ✓ No changes to the ranking methodology are being made during this update period.
- ✓ Comments received from each individual of the joint PDT on:
 - Proposed 2022 update process detailed below.
 - Initial Priorities for CAT 1, CAT 2, CAT 3, and CAT 4.
- ✓ USACE reviewed and revised project listings based on feedback.
- ✓ Follow-up meeting held with joint PDT week of April 11th to discuss revised project listings.
- ✓ Updated project listings presented at Inland Waterways Users Board Meeting on April 20th.
- ✓ USACE will review and revise project listing based on IWUB feedback.
- ✓ Joint PDT meeting following Users Board Meeting #96 to review & discuss feedback.
- ✓ Develop an initial baseline scenario based on feedback.
- ✓ Final updated baseline scenario developed.
- ✓ Discuss updated report tables and scenarios at the August 16th IWUB meeting.
- ✓ Follow-up meeting held with joint PDT on Oct 14th to discuss 3 scenarios.
- ✓ Prepare and finalize updated report tables and scenarios.
- Distribute final 2022 CIS update.