



DEPARTMENT OF THE ARMY
OFFICE OF THE ASSISTANT SECRETARY
CIVIL WORKS
108 ARMY PENTAGON
WASHINGTON DC 20310-0108

OCT 30 2017

Honorable John Barrasso
Chairman
Committee on Environment and Public Works
Washington, DC 20510-6175

Dear Chairman Barrasso:

Section 1002 of the Water Resources Reform and Development Act of 2014 amends section 905 of the Water Resources Development Act of 1986 to establish a single phase cost-shared study process by repealing the requirement for a reconnaissance study at full Federal expense and requiring instead that a preliminary analysis of the Federal interest, cost, benefits and environmental impacts be done following execution of the Feasibility Cost Sharing Agreement. Section 1002 established a requirement to notify non-Federal interests of project schedules and milestones, and subsequent notification if a milestone is missed. Subsection 4 of section 1002 directs the Secretary to submit an annual report of all investigations account studies and the detailed project schedules that were provided to non-Federal interests.

In accordance with section 1002, I submit the enclosed report on Consolidation of Studies to the Committee on Environment and Public Works of the Senate and the Committee on Transportation and Infrastructure of the United States House of Representatives. The table included as an enclosure to the report provides the status of detailed project schedules for all active investigations as of August 1, 2017 and a list of active studies and the detailed project schedule submitted to each study's non-Federal sponsor. In the event that the District Engineer has missed any of the deadlines reported in the submission to the non-Federal sponsor, an explanation for the missed deadline(s) and a new approved milestone schedule is provided to the non-Federal sponsor and is documented in the enclosed table of the report.

If you need additional information regarding the enclosed information, please contact Mr. David Leach, Deputy Assistant Secretary of the Army for Civil Works, Project Planning and Review, at 202-761-0016.

I am sending an identical letter to Ranking Member Carper and the House Committee on Transportation and Infrastructure. Thank you for your interest in the Army Civil Works program.

Sincerely,

A handwritten signature in black ink, reading "Douglas W. Lamont".

Douglas W. Lamont, P.E.
Senior Official Performing the Duties of the
Assistant Secretary of the Army
(Civil Works)

Enclosure

Water Resources Reform and Development Act (WRRDA) of 2014

Section 1002. Consolidation of Studies

Report to Congress

This annual report was prepared to meet the requirements of Section 1002, item 4(a), of the Water Resources Reform and Development Act (WRRDA) of 2014. This report provides the status of detailed project schedules for all active feasibility studies as of 1 August 2017 that have been active more than ninety (90) days.

Background

Section 1002 of WRRDA 2014 amends Section 905 of the Water Resources Development Act (WRDA) 1986 to establish a single phase cost-shared study process by repealing the requirement for a reconnaissance study first at full Federal expense and requiring instead that a preliminary analysis of the federal interest, cost, benefits and environmental impacts be done following execution of the Feasibility Cost Sharing Agreement (FCSA). Additionally, Section 1002 requires certain reporting and notification of feasibility study schedules. This report responds to that reporting requirement.

Section 1002 established a requirement to notify Non-Federal interests of project schedules and milestones, and subsequent notification if a milestone is missed. Subsection 3 directs the Secretary as follows.

(3) NON-FEDERAL INTEREST NOTIFICATION.—Each District Engineer shall submit by certified mail the detailed project schedule under paragraph (2) to each relevant non-Federal interest—

(A) for projects that have received funding from the General Investigations Account of the Corps of Engineers in the period beginning on October 1, 2009, and ending on the date of enactment of this subsection, not later than 180 days after the establishment of milestones under paragraph (1); and

(B) for projects for which a feasibility cost-sharing agreement is executed after the establishment of milestones under paragraph (1), not later than 90 days after the date on which the agreement is executed.

U.S. Army Corps of Engineers implementation guidance, dated 9 April 2015, set forth the following guidance for Districts to follow in order to provide this notification.

- For each active feasibility study funded in the Investigations appropriations, beginning on 1 October 2009 until 10 June 2014, the District Engineer (DE) must provide the detailed project schedule to each non-federal sponsor via certified mail by 10 June 2015.
- For each feasibility study initiated after 10 June 2014, the DE must provide the study milestone schedule to each non-federal sponsor via certified mail within ninety (90) days of signing the FCSA.
- If the DE fails to meet any of the scheduled milestone dates for studies listed above, the DE will submit a letter to the non-federal sponsor within thirty (30) days of the missed milestone. The letter will include reasons why the DE failed to meet the milestone and a revised schedule reflecting amended dates for the remaining feasibility milestones. The revised milestone schedule will be made publicly available.

Subsection 4 of Section 1002 directs the Secretary to submit an annual report of all feasibility studies and the detailed schedules that were provided to Non-Federal interests. The exact language is as follows.

(4) CONGRESSIONAL AND PUBLIC NOTIFICATION.—Beginning in the first full fiscal year after the date of enactment of this subsection, the Secretary shall—

(A) submit an annual report that lists all detailed project schedules under paragraph (2) and an explanation of any missed deadlines to the Committee on Environment and Public Works of the Senate and the Committee on Transportation and Infrastructure of the House of Representatives; and

(B) make publicly available, including on the Internet, a copy of the annual report described in subparagraph (A) not later than 14 days after date on which a report is submitted to Congress.

Fiscal Year 2017 Milestone Notification

As required by Section 1002, the District Engineers provided data on study milestones, revised schedules, and explanations of missed milestones, as applicable. The following subset of established feasibility study milestones marking significant decision points were used for establishing detailed schedules and for notification and reporting purposes.

1. Release of draft feasibility report for public comment and concurrent review
2. District submits final feasibility report
3. MSC final transmittal of final feasibility report
4. Signed Chief's Report or Decision Document

Table 1 captures the schedules for studies and provides explanations for missed milestones. Vertical team alignment is required before a revised schedule is reported.

Table 1: Study Schedules and Missed Milestone Explanations as of 1 August 2017

Feasibility Study		Schedule Dates Provided Sponsor				Explanation of Adjustments	Revised Schedule Dates Provided Sponsor			
MSC	Study Name	Release of Draft Report	District Submits Final Feasibility Report	MSC Transmittal of Final Report	Signed Chief's Report or Decision Document	Explanation of any missed milestones or schedule adjustments	Release of Draft Report	District Submits Final Feasibility Report	MSC Transmittal of Final Report	Signed Chief's Report or Decision Document
LRD	Du Page River, IL	5/5/17	12/15/17	2/26/18	7/13/18	The feasibility study was delayed due to the decision to include the Illinois water survey's findings into the study.	3/14/17	1/7/19	3/19/19	8/5/19
LRD	Ecorse Creek, MI	11/26/16	7/14/17	8/14/17	3/9/18	The feasibility study is delayed due to ongoing discussions regarding minimum flood discharge, no schedule is available to report at this time.				
LRD	Northern KY Riverfront Commons	2/15/18	8/15/18	10/12/18	3/10/19					
LRD	Saginaw River Deepening, Saginaw , MI	1/11/18	8/20/18	9/4/18	11/30/18					
MVD	Big Sunflower River Watershed, Quiver River, Mississippi	10/21/16	9/17/17	10/17/17	3/29/18	This feasibility study is terminating. The study and project will utilize the Continuing Authorities Program. No further reporting is required.				
MVD	Brandon Road, Interbasin Control of Great Lakes Mississippi River Aquatic Nuisance Species, IL, IN, OH, WI	2/22/17	1/19/18	5/18/18	1/18/19	The feasibility study was delayed because the release of the draft Brandon Road Report was deferred until August 2017.	8/7/17	10/20/18	11/22/18	8/1/19

* Sandy Supplemental Funded Studies

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Feasibility Study		Schedule Dates Provided Sponsor				Explanation of Adjustments	Revised Schedule Dates Provided Sponsor			
MSC	Study Name	Release of Draft Report	District Submits Final Feasibility Report	MSC Transmittal of Final Report	Signed Chief's Report or Decision Document	Explanation of any missed milestones or schedule adjustments	Release of Draft Report	District Submits Final Feasibility Report	MSC Transmittal of Final Report	Signed Chief's Report or Decision Document
MVD	Inner Harbor Navigation Canal GRR/SEIS	1/6/17	3/1/19	4/8/19	9/25/19					
MVD	Kaskaskia River Basin, IL	6/29/17	3/30/18	4/30/18	9/30/18	This feasibility study is inactive, no schedule to report.				
MVD	Mississippi River Ship Channel, Gulf to Baton Rouge, LA	11/10/16	9/20/17	NA**	10/27/17					
MVD	Souris River Basin, ND	9/29/17	9/28/18	10/31/18	4/30/19					
MVD	St. Croix River, WI	12/9/16	1/16/17	NA**	2/16/17	This feasibility study is inactive, no schedule to report.				
MVD	St. Louis Riverfront Meramec/Big River/St. Louis Mississippi River Front, MO, IL	4/28/17	11/24/17	1/26/18	8/3/18	The feasibility study has been delayed due to work with the Environmental Protection Agency. There is no revised schedule to report at this time.				

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NAD	Anacostia Watershed Restoration, Prince Georges County, MD	6/1/16	11/2/17	2/26/18	9/18/18					
NAD	Baltimore 50-Foot Channel, MD and VA	1/14/16	11/1/16	12/1/16	8/10/17	This feasibility study was converted to a validation study for the cultural resources work and economic modeling. No further reporting required.				
NAD	City of Norfolk, VA (Sandy Focus Area) aka Flood Risk Management Studies, Norfolk, VA	10/3/17	6/14/18	7/19/18	1/31/19					
NAD	Delaware River Dredge Material Utilization, DE*	9/23/16	3/21/17	4/28/17	9/7/17	The feasibility study was delayed in order to revise the BeachfX model.	11/23/16	1/9/18	2/22/18	8/6/18
NAD	Delaware River Dredge Material Utilization, NJ*	9/23/16	3/21/17	4/28/17	9/7/17	The feasibility study was delayed due to revision of the BeachfX model and the analysis of additional project.	10/18/17	7/2/18	8/14/18	2/7/19
NAD	Fairfield and New Haven Counties, CT	1/15/19	12/15/19	1/15/20	6/15/20					

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NAD	Fire Island to Montauk Point (FIMP) Reformulation, NY*	7/19/16	5/30/18	7/30/18	1/31/19					
NAD	Hashamomuck Cove, NY*	8/12/16	9/30/17	11/30/17	6/30/18					
NAD	Highlands, NJ*	6/25/15	7/30/17	9/30/17	5/30/18					
NAD	Hudson Raritan Estuary - Jamaica Bay, NY, Environmental	2/27/17	11/20/18	1/30/19	6/30/19					
NAD	Hudson Raritan Estuary - Bronx River Basin, NY	2/27/17	11/20/18	1/30/19	6/30/19					
NAD	Hudson Raritan Estuary - Flushing Bay, NY	2/27/17	11/20/18	1/30/19	6/30/19					

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NAD	Hudson Raritan Estuary - Hackensack	2/27/17	11/20/18	1/30/19	6/30/19					
NAD	Hudson Raritan Estuary - Lower Passaic River, NJ	2/27/17	11/20/18	1/30/19	6/30/19					
NAD	Hudson Raritan Estuary NY &NJ	2/27/17	11/20/18	1/30/19	6/30/19					
NAD	Hudson River Habitat Restoration. NY	3/31/18	3/31/19	4/30/19	10/31/19					
NAD	Mamaroneck-Sheldrake Rivers, NY	1/22/16	11/30/16	1/11/17	7/28/17	The feasibility study is completing anticipated dates are reported.	1/22/16	11/30/16	1/11/17	9/15/17
NAD	Nassau City (Sandy Focus Area)	5/30/18	3/30/19	5/30/19	9/30/19					

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NAD	New Haven Harbor Deepening, CT	4/27/18	3/15/19	4/30/19	9/10/19					
NAD	New Jersey Backbay Coastal Resilience Study, NJ (Sandy Focus)	12/26/17	9/2/18	11/2/18	4/5/19					
NAD	New York and New Jersey Harbor, NY & NJ	1/31/19	11/30/19	1/31/20	6/31/20					
NAD	New York and New Jersey Harbor and Tributaries (Sandy Focus Area)	1/31/20	3/30/21	5/30/21	10/31/21					
NAD	Norfolk Harbor 55-Foot Channel, VA	3/1/17	11/22/17	12/22/17	6/1/18	This feasibility study was delayed as a result of coordination with the Virginia Port Authority on model input, including designation of the design vessel and review for model output for the study duration.	10/23/17	6/25/18	7/23/18	5/17/19
NAD	Norfolk Harbor, Eliz River South Branch, VA	3/1/17	11/22/17	12/22/17	6/1/18	This feasibility study was delayed in order to develop and evaluate the Locally Preferred Plan supported by the Virginia Port Authority.	10/23/17	3/1/18	4/2/18	6/1/18

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NAD	Passaic River Tidal Protection Area*	9/30/17	8/30/18	10/31/18	1/31/20					
NAD	Passamaquoddy Pleasant Point, ME - Tribal Partnership Program	11/20/18	9/11/19	10/28/19	2/12/20					
NAD	Pawcatuck River & Rhode Island Coastal Investigation*	10/18/16	8/25/17	10/26/17	3/30/18					
NAD	Peckman River, NJ	3/12/18	3/11/19	5/7/19	10/9/19					
NAD	Rahway River Basin, NJ	11/29/16	11/30/17	1/31/18	6/31/18	The feasibility study is under review, no revised schedule to report at this time.				
NAD	Rahway River Basin, NJ*	5/26/17	4/30/18	6/30/18	12/30/18					

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NAD	Rockaway, NY*	8/18/16	8/30/18	10/31/18	5/30/19					
NAD	Shrewsbury, NJ*	8/4/16	8/30/17	10/31/17	12/31/17	This feasibility study is terminating. The study and project will utilize the Continuing Authorities Program. No further reporting is required.				
NAD	South Shore of Staten Island, NY*	6/12/15	4/27/16	6/20/16	10/31/16	The feasibility study is completed, actual dates are reported.	6/12/15	4/27/16	6/20/16	10/27/16
NAD	Upper Susquehanna Comprehensive Flood Damage Reduction, NY	4/2/18	12/5/18	1/25/19	7/24/19					
NAD	Westchester County Streams, Byram River, NY	2/28/18	1/31/19	3/31/19	8/31/19					
NWD	Adams and Denver County, CO	1/9/18	6/29/18	6/29/18	12/21/18					

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NWD	Fremont, NE	4/5/17	12/5/17	1/5/18	6/15/18	This feasibility study is terminating. The study and project will utilize the Continuing Authorities Program. No further reporting is required.				
NWD	Grand River Basin, MO	10/29/18	4/26/19	5/10/19	8/29/19					
NWD	Lower Dungeness Ecosystem Restoration Study, WA	1/11/18	5/24/19	6/27/19	1/8/20	This feasibility study is inactive, no schedule to report.				
NWD	Missouri River Bed Degradation, MO	1/31/17	3/20/17	4/10/17	12/12/17	This feasibility study is inactive, no schedule to report.				
NWD	Puyallup River Basin Flood Risk Management Feasibility Study, WA	3/15/16	3/15/17	4/15/17	9/30/17	The feasibility study is under review, no revised schedule to report at this time.				
NWD	Seattle Harbor Navigation Improvement Project General Investigation Study, WA	8/2/16	3/15/17	4/14/17	9/29/17	The feasibility study schedule was extended to conduct ship simulation.	8/2/16	9/12/17	10/13/17	5/4/18

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NWD	Willamette River Basin Review, OR	8/8/17	1/31/18	2/28/18	8/17/18	This feasibility study had a delay in the release of the draft report due to developing the demand estimates.	9/1/17	1/12/18	2/28/18	8/17/18
POD	Ala Wai Canal, HI	9/1/15	7/1/16	8/1/16	1/1/17	This feasibility study had a delay in receipt of Coordination Act Report, Section 106 Programmatic Agreement, and the Biological Opinion. An additional delay resulted from needed comment resolution regarding the endangered blackline damselfly.	8/20/15	11/14/16	11/23/16	9/30/17
POD	Barrow Coastal Storm Damage Reduction, AK	3/4/19	3/5/20	NA**	7/6/20					
POD	Kenai Bluffs, AK	3/28/17	5/26/17	NA**	6/12/17	The feasibility study was delayed due to additional need for analysis.	6/15/17	1/31/18	NA**	2/15/18
POD	Kotzebue Navigation Improvement, AK	5/15/17	5/21/18	5/30/18	10/1/18	The feasibility study is under review, no revised schedule to report at this time.				
POD	Lowell Creek Tunnel Flood Diversion, AK	7/10/18	4/19/19	5/3/19	8/9/19					

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POD	Rota Harbor, CNMI	7/7/17	5/21/18	6/12/18	1/7/19	This feasibility study was delayed due to the time required for the application of WRDA 2007 Section 2006 Remote and Subsistence Harbor criteria in the feasibility analysis.	10/31/17	6/30/18	7/30/18	11/27/18
POD	St. George Navigation Improvement, AK	5/17/17	4/25/18	5/9/18	9/15/18	This feasibility study was delayed due to extended negotiations with sponsor.	3/30/18	9/5/18	9/19/18	1/25/19
POD	Tinian Harbor, CNMI	7/7/17	5/21/18	6/12/18	1/7/19	This feasibility study was delayed due to the time required for the application of WRDA 2007 Section 2006 Remote and Subsistence Harbor criteria in the feasibility analysis.	10/31/17	6/30/18	7/30/18	11/27/18
POD	Unalaska (Dutch) Harbor, AK	3/20/18	11/23/18	12/6/18	7/18/19					
SAD	Lake Okeechobee Watershed	2/28/18	12/18/18	2/1/19	7/28/19					
SAD	Loxahatchee River Watershed Restoration	8/10/17	6/12/18	8/3/18	1/9/19	This feasibility study was delayed due to the need for model recalibration, no revised schedule to report at this time.				

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SAD	Mobile Harbor, AL	7/18/18	4/11/19	NA**	5/21/19					
SAD	Proctor Creek, GA	7/10/17	3/19/18	4/18/18	9/18/18	This feasibility study is terminating. The study and project will utilize the Continuing Authorities Program. No further reporting is required.				
SAD	San Juan Harbor Improvements Study	3/3/17	3/15/18	4/15/18	9/14/18	This feasibility study was delayed in order to include the new requirements for operation costs for the tentatively selected plan.	8/8/17	6/8/18	6/15/18	9/14/18
SAD	St. Johns County Feasibility	2/17/16	11/22/16	12/22/16	5/22/17	The feasibility study is completed, actual dates are reported.	2/17/16	1/9/17	1/17/17	8/8/17
SAD	St. Lucie County Feasibility	5/3/16	12/6/16	2/7/17	7/7/17	The feasibility study was delayed due to additional efforts required to affirm the National Economic Development plan.	5/3/16	4/4/17	5/15/17	10/12/17
SAD	Sweetwater Creek, GA	3/13/18	10/30/18	11/30/18	4/29/19					

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SAD	Village Creek, AL	5/3/18	8/3/18	9/7/18	2/8/19					
SAD	Western Everglades Restoration Project	4/30/19	1/27/20	2/27/20	6/11/20					
SPD	Aliso Creek Mainstem, CA	9/29/17	10/1/18	11/30/18	4/30/19					
SPD	Carpinteria, CA	8/6/18	3/12/19	4/12/19	9/10/19	This feasibility study is inactive, no schedule to report.				
SPD	Corte Madera Creek, CA	3/10/17	2/5/18	3/5/18	8/7/18	This feasibility study was delayed due to issues with hydrologic and hydraulic analysis.	12/11/17	12/3/18	1/4/19	5/31/19
SPD	Dry Creek (Warm Springs) Restoration, CA	5/19/17	4/10/18	5/10/18	10/10/18	This feasibility study was delayed due to conceptual design development.	9/28/17	9/3/18	10/1/18	2/28/19

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SPD	East San Pedro Bay, CA	10/23/17	7/30/18	8/30/18	2/7/19	The feasibility study was delayed due to model runs and anticipated extra environmental reviews due to additional public interest.	7/30/18	8/30/19	9/30/19	2/28/20
SPD	Espanola Valley, Rio Grande and Tributaries, NM	10/15/15 (A)	6/7/17 (A)	8/30/17	3/12/18					
SPD	Little Colorado (Winslow), AZ	5/27/16	6/6/18	7/6/18	12/7/18					
SPD	Lower San Joaquin, CA	4/13/15	8/18/16	9/29/17	3/28/18					
SPD/ MVD	Lower Santa Cruz River, CA	12/31/17	2/27/19	3/29/19	8/30/19	The feasibility study is under review, no revised schedule to report at this time.				
SPD	Malibu Creek Watershed, CA	12/30/16	8/30/17	9/29/17	3/9/18	The feasibility study was delayed due to additional review for environmental compliance.	1/27/17	3/30/18	4/30/18	11/30/18

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SPD	Middle Rio Grande Bernalillo to Belen, NM	8/14/17	10/18/18	11/16/18	2/25/19					
SPD	North West El Paso Feasibility Study, NM	7/6/18	4/30/19	5/30/19	9/27/19					
SPD	Pajaro River, CA	10/1/17	4/12/18	4/27/18	7/12/18					
SPD	Port of Long Beach Navigation Improvements, CA	4/30/17	1/29/18	2/28/18	7/30/18	The feasibility study was delayed due to required economic analysis and air quality analysis.	2/16/18	1/18/19	2/20/19	7/10/19
SPD	Prado Basin, CA	1/26/18	4/5/19	5/6/19	10/3/19					
SPD	Rio Grande, Sandia Pueblo to Isleta Pueblo, NM	5/8/18	2/14/19	4/10/19	8/16/19					

* Sandy Supplemental Funded Studies

** Milestone is not Required

Feasibility Study		Schedule Dates Provided Sponsor				Explanation of Adjustments	Revised Schedule Dates Provided Sponsor			
MSC	Study Name	Release of Draft Report	District Submits Final Feasibility Report	MSC Transmittal of Final Report	Signed Chief's Report or Decision Document	Explanation of any missed milestones or schedule adjustments	Release of Draft Report	District Submits Final Feasibility Report	MSC Transmittal of Final Report	Signed Chief's Report or Decision Document
SPD	Sacramento Bank Protection GRR, CA	3/3/17	11/15/17	12/15/17	6/29/18	The feasibility study was delayed due to increased coordination with the public and stakeholders as a result of the complexity of the study.	1/5/18	1/15/19	2/15/19	8/8/19
SPD/SAD	San Francisco Bay to Stockton, CA	8/3/17	7/25/18	8/24/18	1/22/19					
SPD	San Francisquito Creek, CA	6/14/18	6/9/19	7/9/19	12/6/19					
SPD	San Joaquin Delta Islands and Levees, CA	9/1/14	6/4/18	7/3/18	12/14/18					
SPD/LRD	Westminster, CA (East Garden Grove)	7/9/18	8/26/19	9/30/19	5/2/20					
SPD	Whittier Narrows Water Conservation, CA	5/11/18	4/5/19	5/2/19	8/2/19					

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SPD	Yuba River Ecosystem Restoration, CA	12/20/16	8/29/17	9/25/17	6/2/18	This feasibility study was delayed due to additional coordination and analysis required to research and identify a suitable ecosystem model.	12/14/17	12/31/18	2/7/19	7/19/19
SWD	Arkansas River Corridor	2/6/17	9/25/17	10/17/17	4/12/18	This feasibility study was delayed due to an extended review and comment period for the draft report.	2/3/17	1/11/18	2/5/18	5/4/18
SWD	Coastal Texas Protection, TX	7/25/18	10/20/20	11/20/20	4/29/21					
SWD	Freeport Harbor, TX	3/2/17	6/29/17	7/17/17	11/3/17	This feasibility study was delayed due to scheduling issues with ship simulation facilities and changes in the dredged material management plan and economic assumptions.	4/11/17	1/8/18	1/25/18	5/23/18
SWD	GIWW - Brazos River Floodgates & Colorado River Lock, TX	12/18/17	8/30/18	9/28/18	3/22/19					
SWD	Guadalupe-San Antonio Rivers, TX (Lower Guadalupe)	1/19/18	12/28/18	1/22/19	6/12/19					

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SWD	Houston Galveston Navigation Channels Extension	3/1/13	9/26/16	10/7/16	4/7/17	The feasibility study is completed, actual dates are reported.	3/1/13	12/9/16	12/16/16	7/31/17
SWD	Houston Ship Channel, TX	5/18/17	5/10/19	6/10/19	10/28/19	The feasibility study's release of the draft report was delayed due to the complexity of the study involving numerous design vessels and potential channel modifications needed to ease pilot rules and restrictions causing additional time needed to analyze costs and benefits.	9/1/17	5/10/19	6/10/19	10/28/19
SWD	Jefferson County Shore Protection	3/15/18	1/9/19	2/7/19	7/5/19					
SWD	Matagorda Ship Channel (Widening and Deepening), TX	4/10/18	1/7/19	2/5/19	7/17/19					
SWD	Middle Brazos River, TX	7/6/17	12/26/17	1/15/18	4/30/18					
SWD	Resacas at Brownsville	2/22/17	11/14/17	12/13/17	6/28/18	This feasibility study was delayed due to receipt of funding and Real Estate easement discussions.	6/8/17	1/24/18	2/21/18	8/12/18

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SWD	Sabine Pass to Galveston Bay	10/26/15	2/6/17	2/13/17	8/1/17	This feasibility study was delayed due to additional modeling and engineering design work required to reduce risk and uncertainty.	9/11/15	3/2/17	3/9/17	8/31/17
SWD	Three Rivers, AR	2/9/17	1/18/18	2/15/18	6/29/18	This feasibility study had a minor delay in the release of the Draft Report. All other future milestones remain on track.	3/31/17	1/18/18	2/13/18	6/29/18

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