

# Houston Ship Channel New Work Dredging

## HSC ECIP / PROJECT 11

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Lori Brownell, PE, D.NE

Galveston District Annual Dredging Meeting  
Tuesday, November 1, 2022

Visit: [www.expandthehoustonshipchannel.com](http://www.expandthehoustonshipchannel.com)



PORT HOUSTON

# PROJECT 11

## Project Overview

1A

### Bolivar Roads to Redfish

- Approximately 11.5 miles in length
- Widen Channel to 700 feet
- Bend easing
- Construct New Bird Island
- Mitigate for oyster habitat loss

1B

### Redfish to Bayport Ship Channel

- Approximately 8.3 miles in length
- Widen Channel to a minimum of 700 feet
- Bend easing
- Construct marshes and three bird islands in Galveston Bay
- Mitigate for oyster habitat loss
- Currently not in the proposed federal plan, so must be built by local interests

1C

### Bayport Ship Channel to Barbours Cut

- Approximately 5 miles in length
- Widen Channel to 700 feet
- Construct additional marshes
- Mitigate for oyster habitat loss
- Currently not in the proposed federal plan, so must be built by local interests

2

### Bayport Ship Channel

- Approximately 4 miles in length
- Widen Channel to approximately 455 feet
- Construct marshes and three bird islands in Galveston Bay
- Mitigate for oyster habitat loss
- Modify channel entrance to reduce shoaling

3

### Barbours Cut Ship Channel

- Widen Channel to approximately 455 feet
- Construct additional marshes on Atkinson Island
- Modify channel entrance

4

### Boggy Bayou (BW 8) to Sims Bayou

- Widen Channel to approximately 530 feet through Greens Bayou confluence
- Deepen from existing 41 feet to 46.5 feet from Boggy Bayou to Hunting Bayou (last Turning Basin before reaching Washburn Tunnel)

5

### Sims Bayou to IH 610

- Deepen from existing 37 feet to 41.5 feet

6

### IH 610 to Turning Basin

- Deepen from existing up to 41.5 feet
- Increase Brady Island Turning Basin



 No work planned in these areas



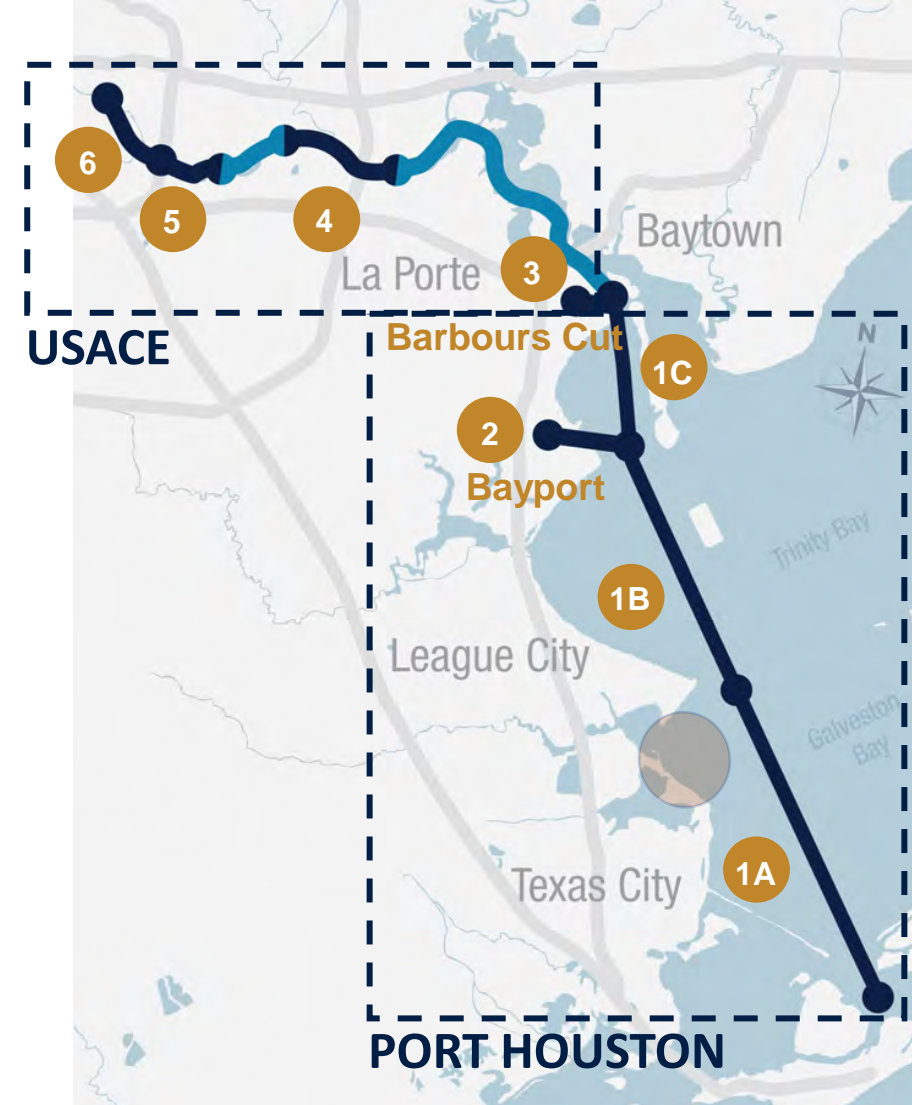
# Segment 1A – Package 1

Design-Construction Package Update

Advertisement	Construction		Contractor
AUG 2021	USACE	JAN – OCT 2022	Wiipica QRI JV



**COMPLETE.** Dollar Reef Oyster Mitigation  
SBA Total Small Business Set-Aside



 No work planned in these areas





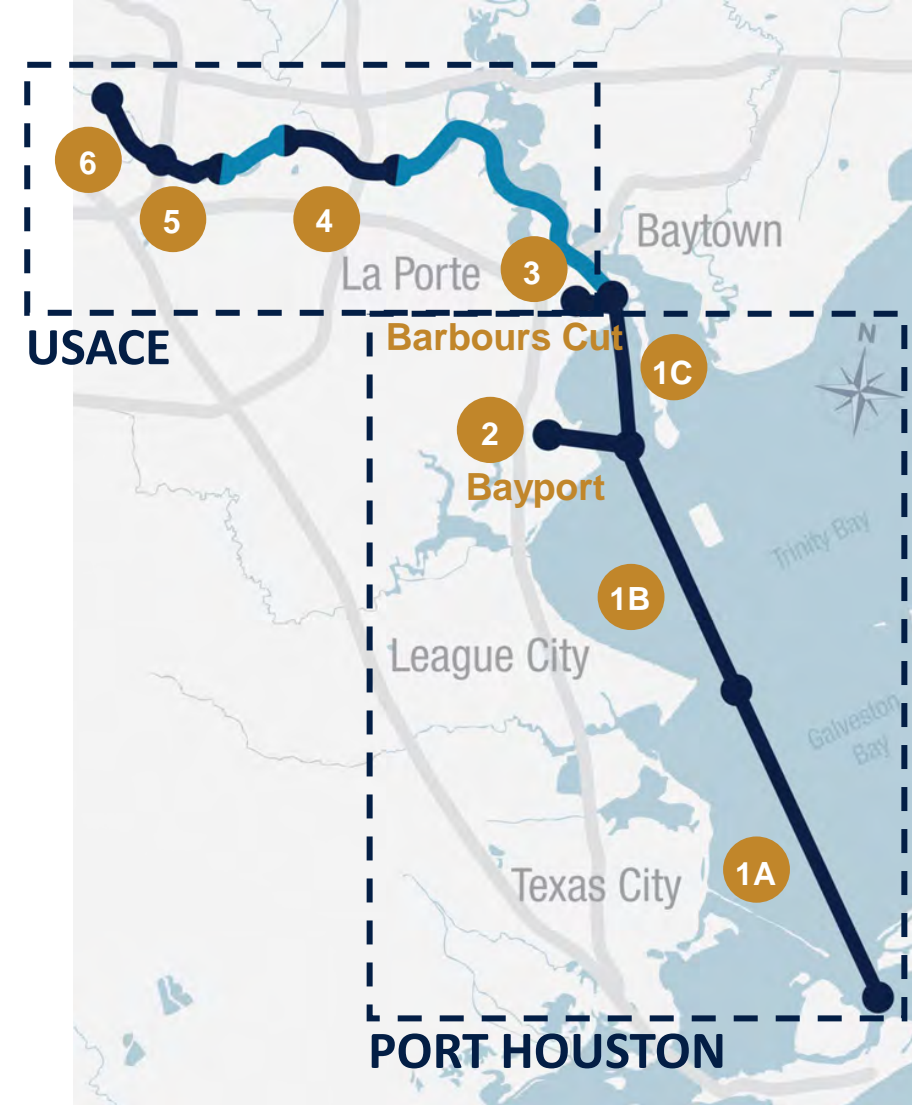
# Segment 4 – Package 2

Design-Construction Package Update

Advertisement		Construction		Contractor
FEB 2021	PHA	JUN 2021 – JUN 2022		RT Ellis



**COMPLETE.** Beltway 8 Site Clearing, Grubbing, Concrete Demolition



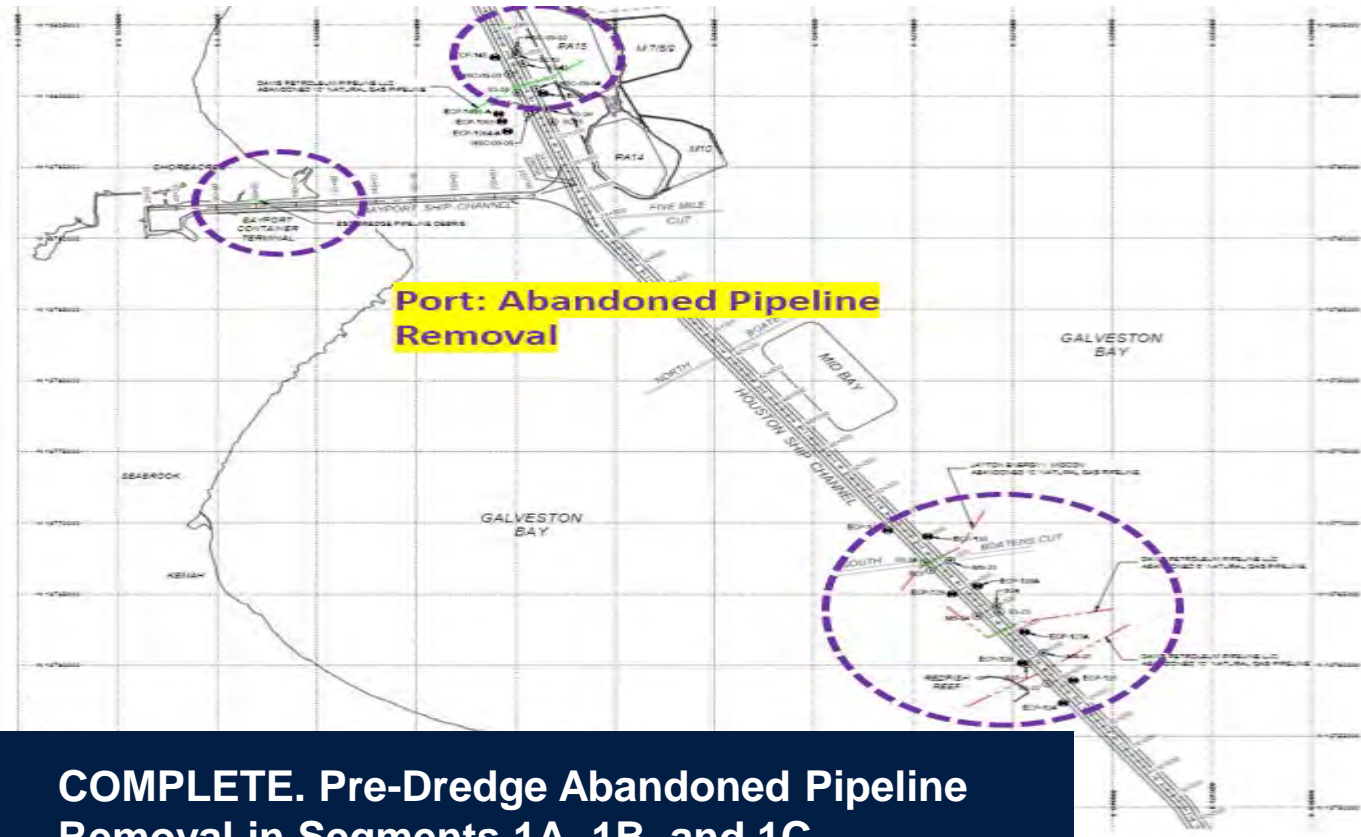
 No work planned in these areas



# Segment 1A, 1B, 1C – Abandoned Pipelines

Design-Construction Package Update

Advertisement		Construction		Contractor
AUG 2021		PHA	JAN 2022 – JUL 2022	Orion



**COMPLETE.** Pre-Dredge Abandoned Pipeline Removal in Segments 1A, 1B, and 1C



 No work planned in these areas





# Segment 1A – Package 3/4A

Design-Construction Package Update

Advertisement		Construction		Contractor
JUL 2021		PHA	MAR – DEC 2022	GLDD



**ONGOING.** Bolivar Roads to Redfish  
1.7 MCY Long Bird Island and ODMDS



 No work planned in these areas





# Segment 1B, 2, 1C – Package 4B/5 (Mechanical)

Design-Construction Package Update

Advertisement	Construction		Contractor
NOV 2021	PHA	OCT 2022 – DEC 2024	Curtin



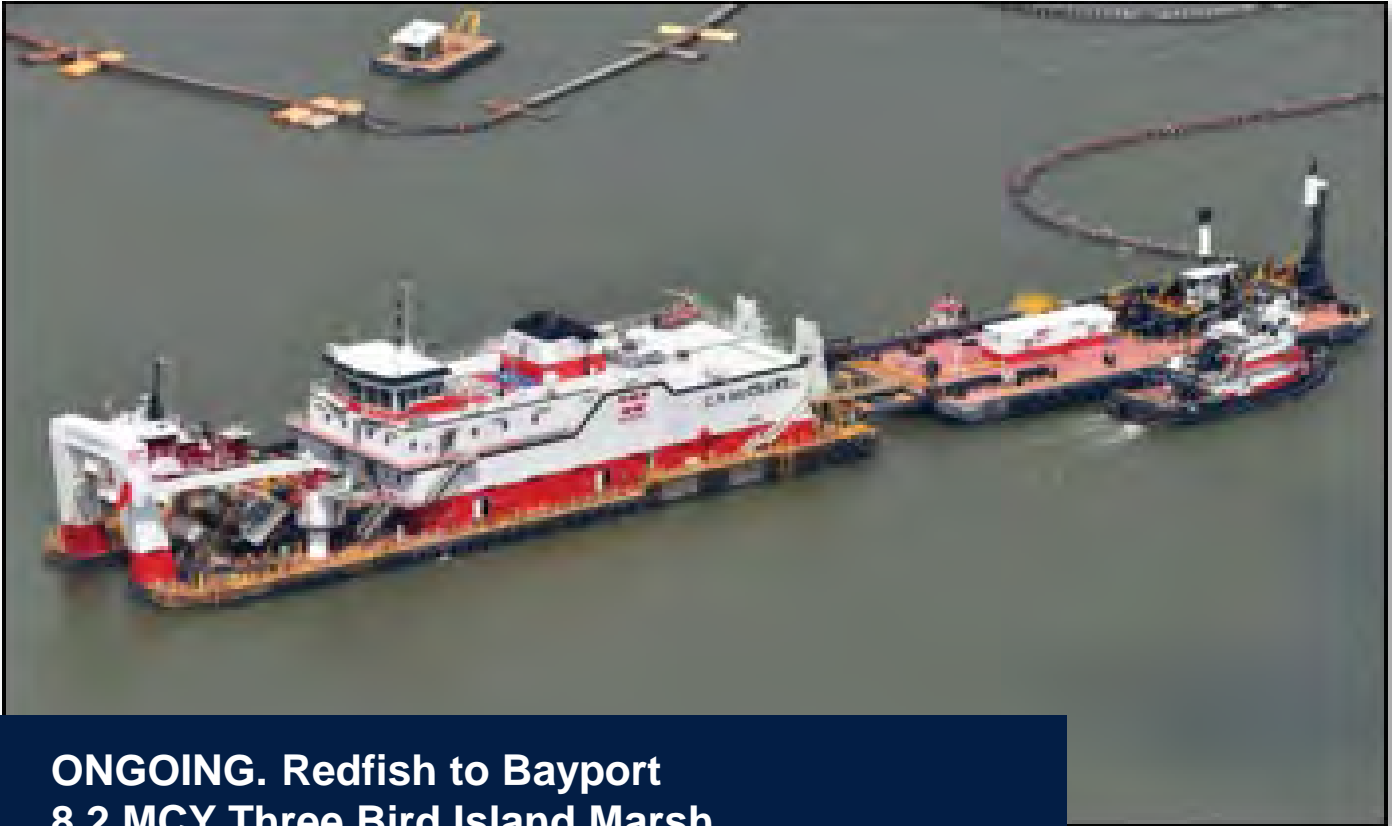
**ONGOING. Redfish to Bayport | 5.7 MCY San Leon & Dollar Reef Oyster Mitigation, ODMDS**



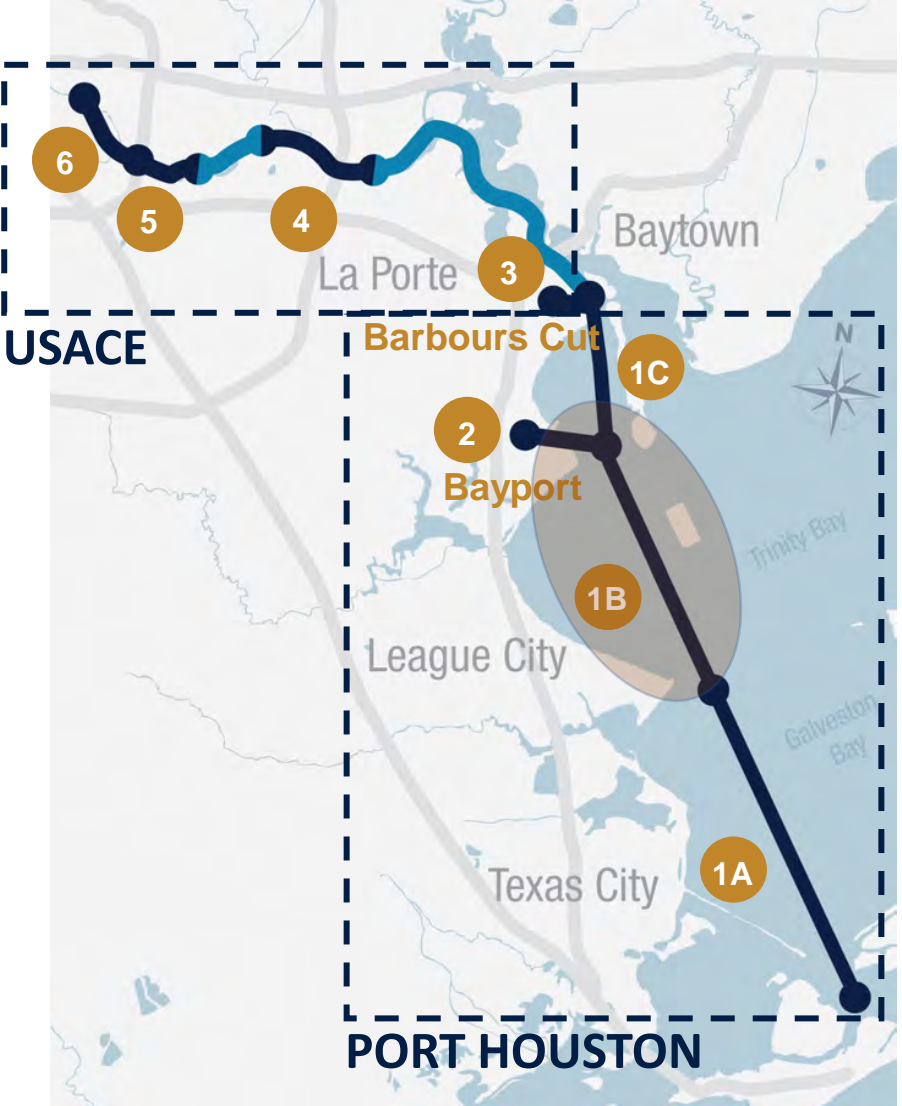
# Segment 1B, 2, 1C – Package 4B/5 (Weeks)

Design-Construction Package Update

Advertisement	Construction		Contractor
NOV 2021	PHA	OCT 2022 – DEC 2024	Weeks



**ONGOING. Redfish to Bayport  
8.2 MCY Three Bird Island Marsh**



*No work planned in these areas*

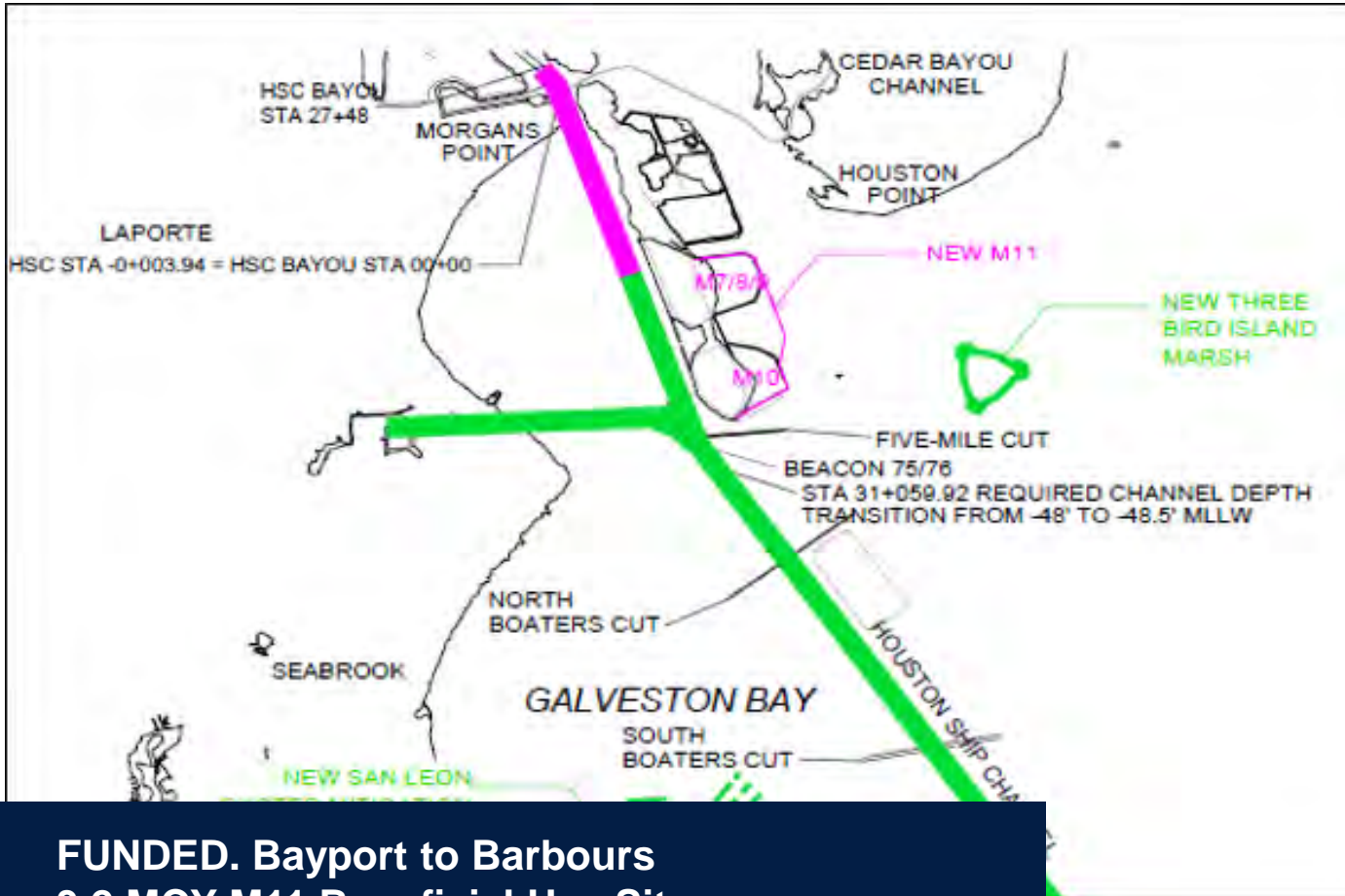




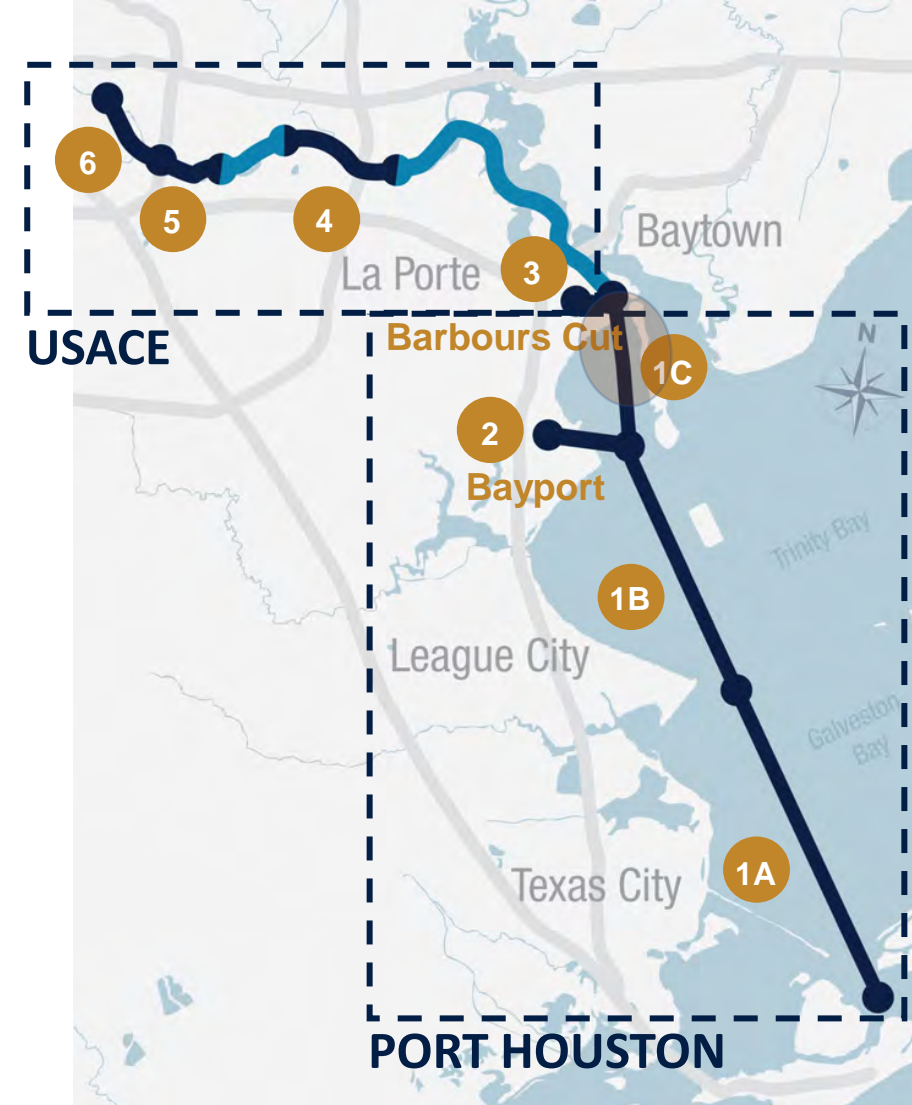
# Segment 1C – Package 6

Design-Construction Package Update

Advertisement		Construction	Contractor
APR 2023	PHA	DEC 2023 – NOV 2024	TBD



**FUNDED. Bayport to Barbours  
3.2 MCY M11 Beneficial Use Site**



 No work planned in these areas



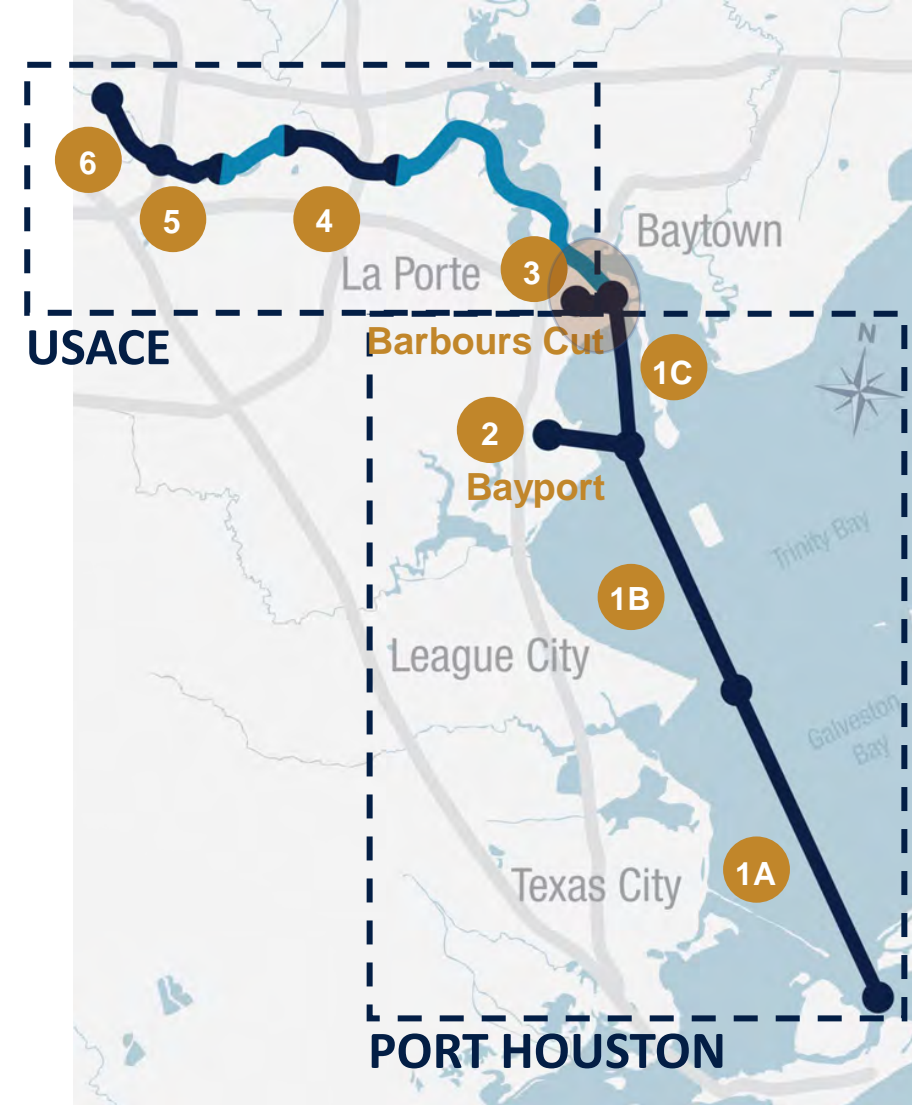
# Segment 3 – Package 7

Design-Construction Package Update

Advertisement	Construction		Contractor
JAN 2023	USACE	JUN 2023 – DEC 2025	TBD



**FUNDED. Barbours Cut  
2.8 MCY M12 Beneficial Use Site**



 No work planned in these areas

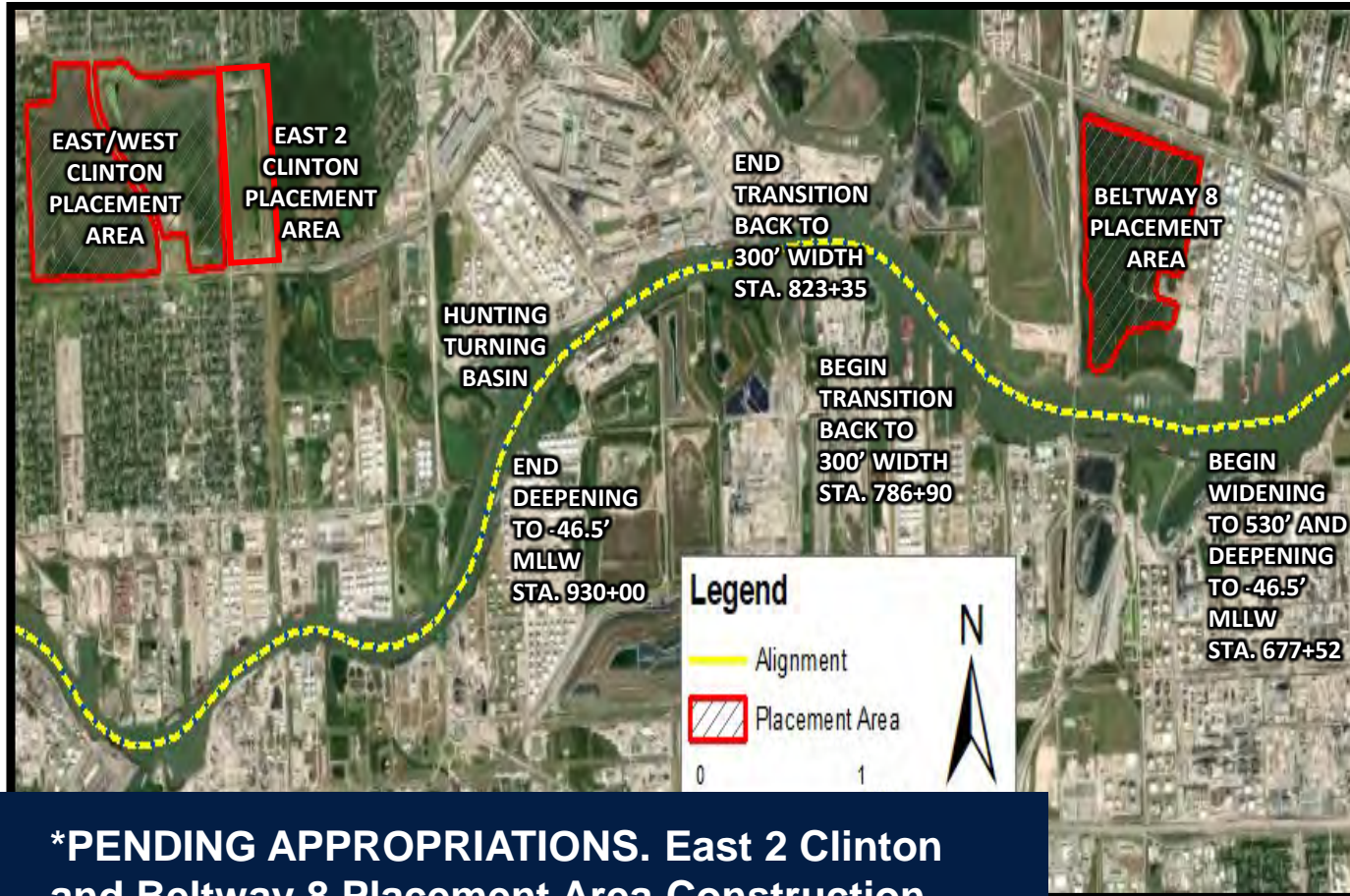




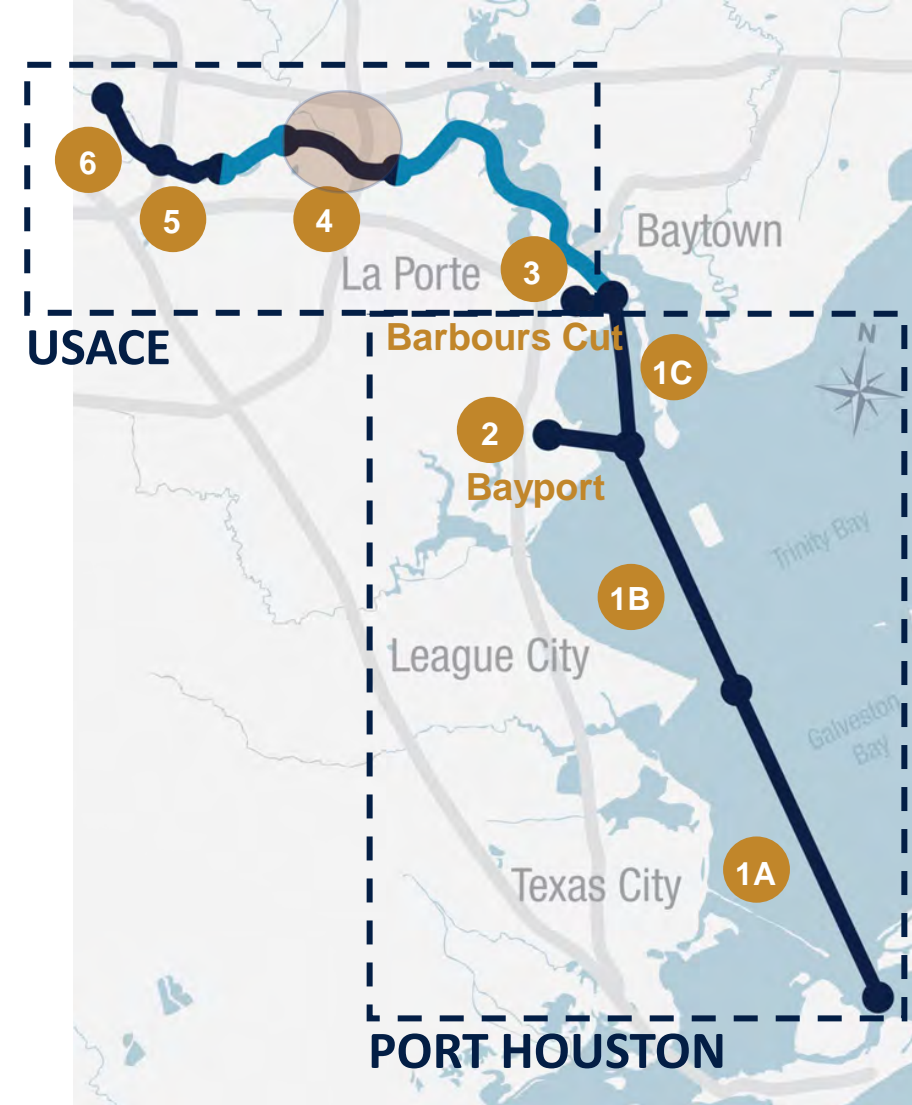
# Segment 4 – Package 8

Design-Construction Package Update

Advertisement		Construction		Contractor
APR 2023*		USACE	AUG 2023 – NOV 2024*	TBD



**\*PENDING APPROPRIATIONS. East 2 Clinton and Beltway 8 Placement Area Construction**



 No work planned in these areas





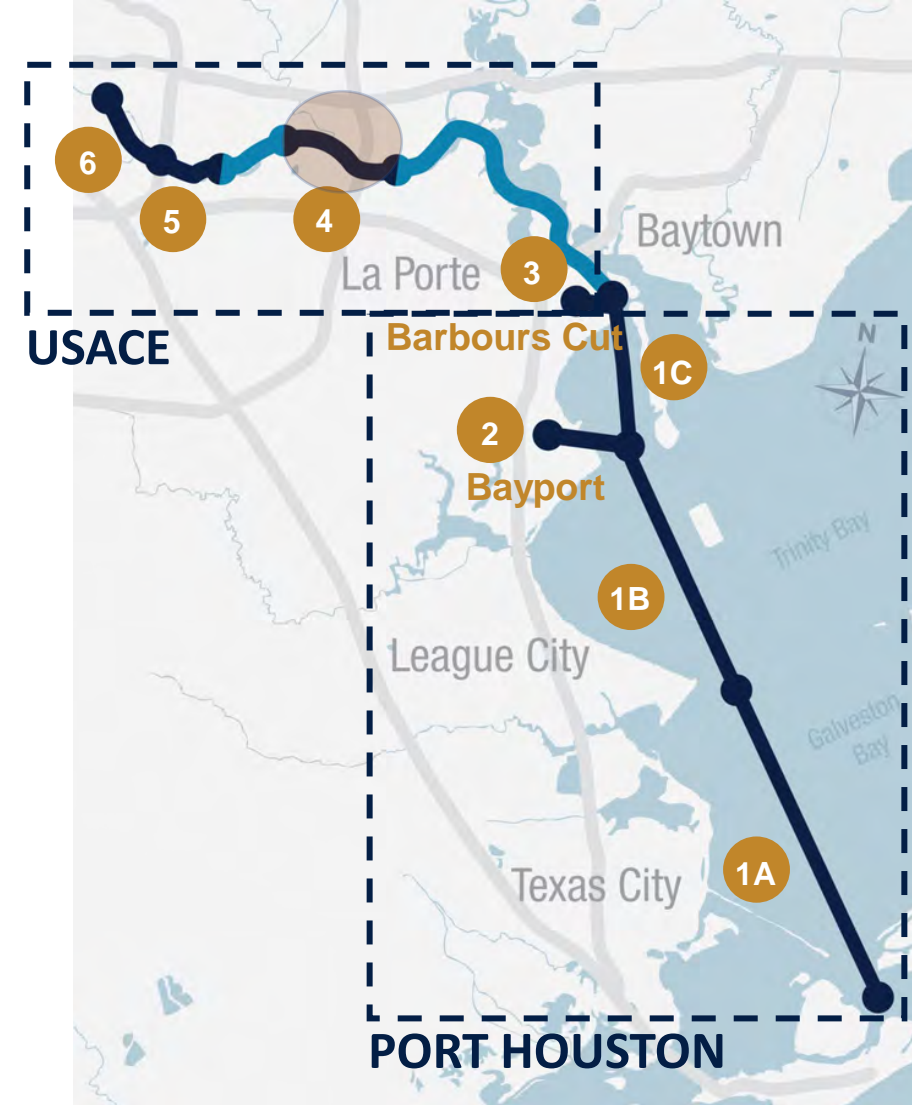
# Segment 4 – Package 9

Design-Construction Package Update

Advertisement		Construction		Contractor
JUN 2024*		USACE	NOV 2024 – NOV 2025*	TBD



**\*PENDING APPROPRIATIONS | 4.7 MCY East-West Clinton and Beltway 8 Placement Areas**



 No work planned in these areas





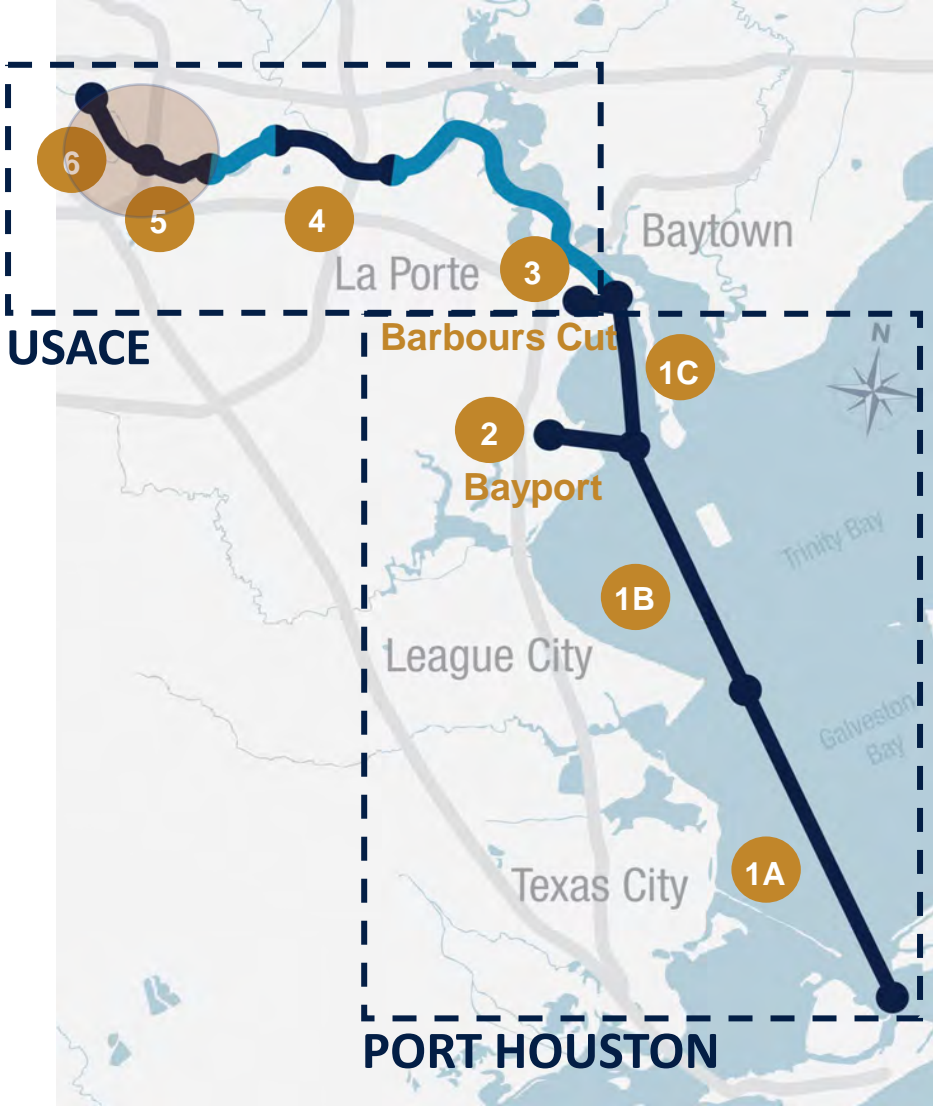
# Segment 5, 6 – Package 10-12

Design-Construction Package Update

Advertisement	Construction		Contractor
DEC 2024*	PHA	MAR 2025 – DEC 2025*	TBD



**\*PENDING APPROPRIATIONS. 1 MCY Glendale and Filter Bed Placement Areas**



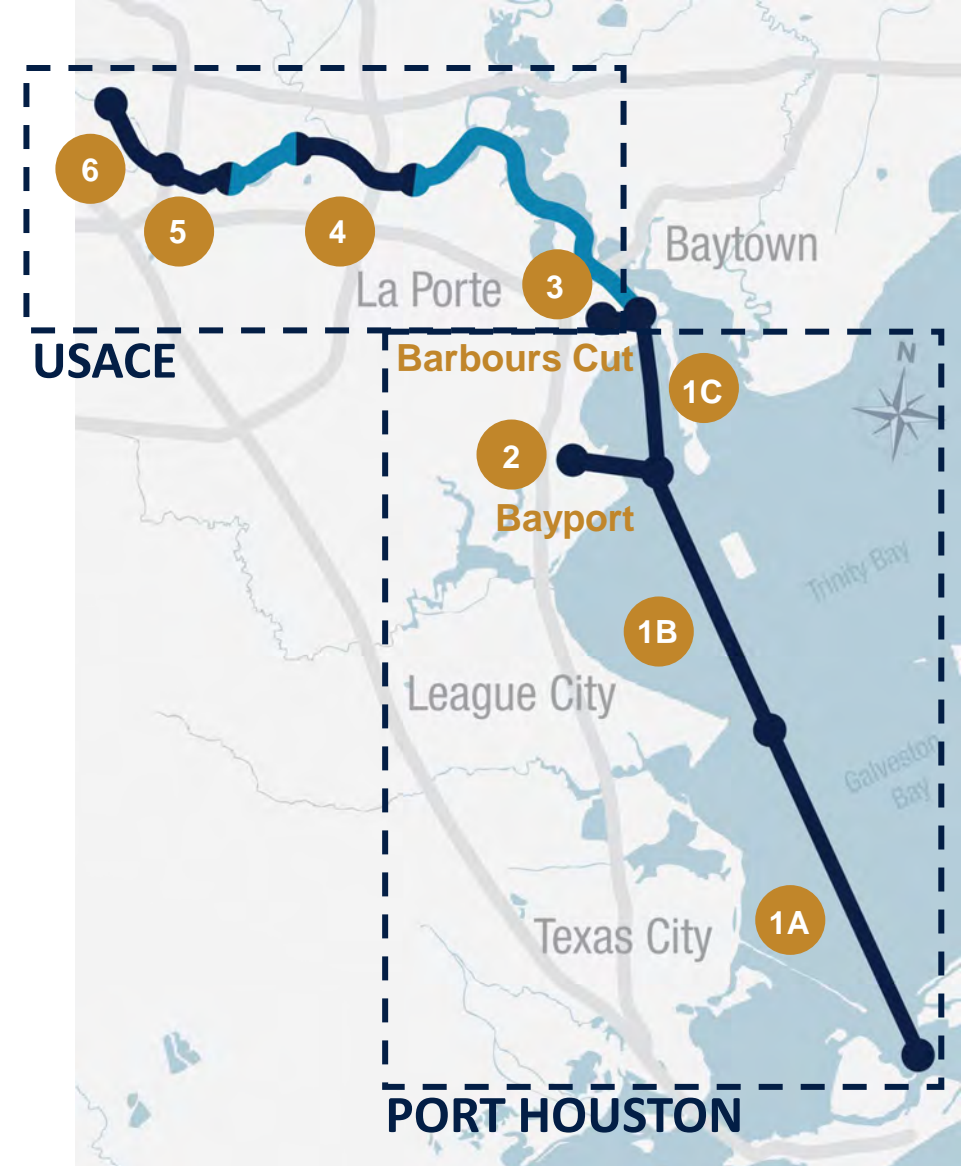
— No work planned in these areas



# HSC ECIP / PROJECT 11

## TENTATIVE PROCUREMENT SCHEDULE

	Package	Segment	Advertisement	Construction	
Under Contract	1	1A	Aug 2021	USACE	Jan - Oct 2022
	2	4	Feb 2021	Port	Jun 2021 - Jun 2022
	3/4A	1A	Jul 2021	Port	Mar - Dec 2022
	Abandoned Pipeline Removal	1A, 1B, 1C	Aug 2021	Port	Jan - Jul 2022
	4B/5	1B,1C, 2	Nov 2021	Port	Oct 2022 - Dec 2024
Funded	6	1C	Apr 2023	Port	Dec 2023 - Nov 2024
	7	3	Dec 2022	USACE	Jun 2023 - Dec 2025
Pending Federal Appropriations	8	4	Apr 2023	USACE	Aug 2023 - Nov 2024
	9	4	Jun 2024	USACE	Nov 2024 - Nov 2025
	10	5	Jul 2024	USACE	Nov 2024 - Jul 2025
	11	6	Jul 2024	USACE	Nov 2024 - Jul 2025
	12	5, 6	Dec 2024	USACE	Mar 2025 - Dec 2025



 No work planned in these areas





# QUESTIONS?

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**Visit** the Project 11 Webpage

<https://www.expandthehoustonshipchannel.com/>

**Email** the Project 11 Team

[Project11@PortHouston.com](mailto:Project11@PortHouston.com)

**Contact**

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