US Army Corps of Engineers.

Brazos Island Harbor Channel Improvement
INNOVATIVE DELIVERY PROCESS (P3)

An innovative solution to meet the Nation's water resource needs

Consistent with the **President's Plan to Build a Modern, Sustainable Infrastructure and an Equitable Clean Energy Future**, alternative financing of Brazos Island Harbor [BIH] represents public and private sectors partnering to develop solutions to deliver modern and sustainable community based infrastructure.

The BIH Innovative Delivery approach is designed to **efficiently** and **effectively deliver** national infrastructure solutions. The approach **expands** partnerships, **reallocates** risk, and **enables** delivery while **significantly reducing** the cost and time of project delivery. Implementing this approach will allow the Corps to be **relevant, responsive, reliable** and efficient in the 21st Century economy. Applying this model will allow the Corps to deliver more projects to the American people in a continually constrained fiscal environment.

Innovative Delivery Process:

- Responsive to the President's and Nation's call for sustainable infrastructure
- Demonstrates what can be done within existing laws and policies
- Innovative approach leading to significant gains in efficiency, productivity, and resiliency
- Supports, promotes, and expands opportunities for Infrastructure investments
- Improves project delivery for Civil Works
- Cost effective investment

What is Innovative Delivery? An approach that will transfer risk and leverage public and private resources to construct the BIH project in a cost effective and timely manner.

What can Innovative Delivery do? It will save the Federal Government $72M in project costs and reduce the project delivery timeline by 50% compared with traditional approaches.

Why this project? This Navigation project is well suited to demonstrate the effective use of a Public Private Partnership: 1] the Corps and local sponsors have a strong partnership; 2] local funding is secured for Phase 1; 3] the BIH project supports an economically disadvantaged community by enabling three liquefied natural gas (LNG) facilities, providing significant economic benefits and clean energy.

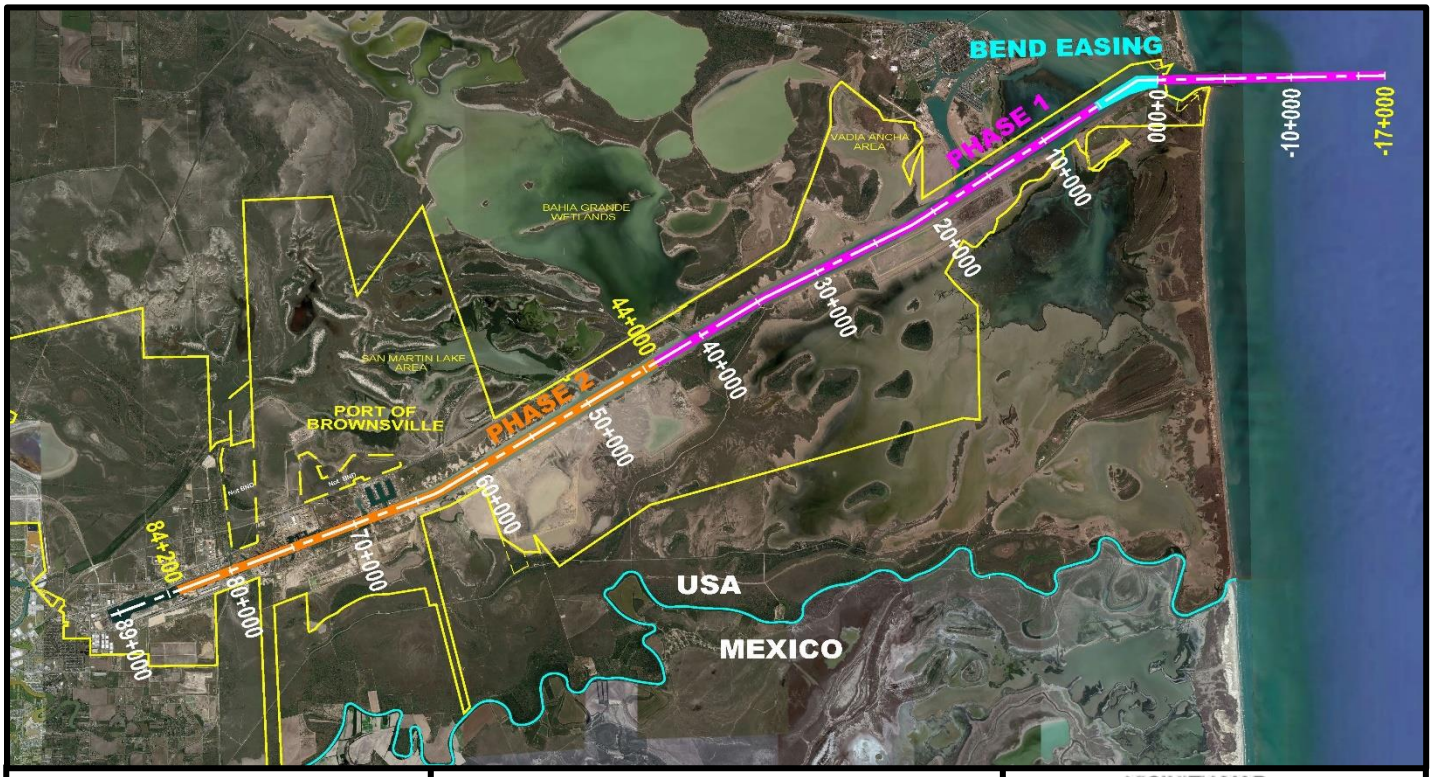
When will this project start? Local sponsors have awarded the contract for Phase 1 and intend to start construction by June 2021.

What's needed to make this a reality? Federal construction depends on designation of this project as a Construction New Start and receipt of Federal funds. The required authority is already in place. Continued support in future years will be critical.

Innovative Delivery Outperforms Traditional Project Delivery

	Innovative Delivery (P3)	Traditional Delivery
Authorized	YES	YES
Transfers Risk	YES	NO
Federal Share	$65M	$137M
Federal Cost Savings	$72M	$0
Project Operational	3 years	6 years
Federal Return On Investment	343%	207%
MINIMIZES Federal Risk	YES	NO
Implementable TODAY	YES	YES
Addresses Corps project backlog	YES	NO
Addresses COST and TIME growth issues	YES	NO
Number of Construction Contracts	3	6

Innovative Delivery of the BIH Channel Improvement project will save the Federal government $72M, expand U.S. energy capability, transform Civil Works project delivery and significantly benefit economically disadvantaged communities.



Total Project Cost = $310M
Phase 1 - $195M
Phase 2 - $65M
Dock Improvements - $50M

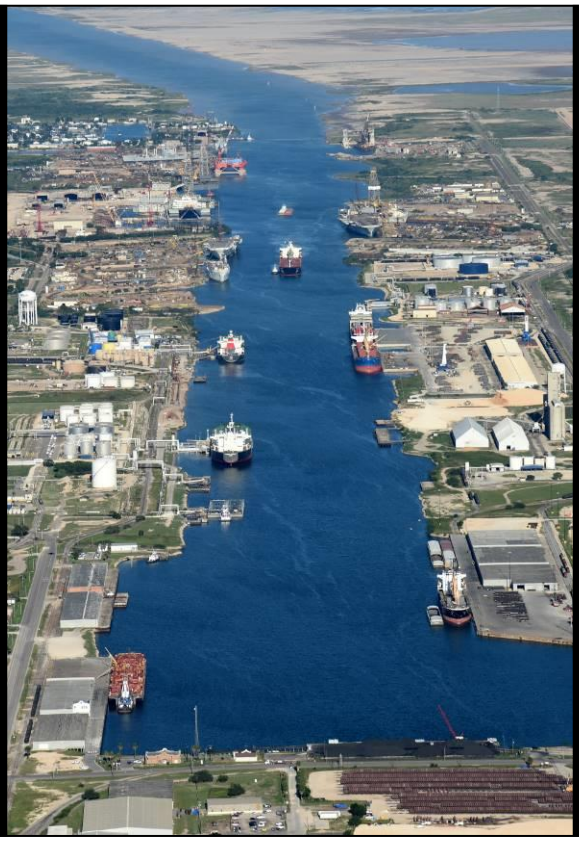
Brazos Island Harbor Channel Improvement Project

VICINITY MAP

Coordinate System: NAD 1983 State Plan Texas South FIPS 4205
Units: Feet

Benefits economically disadvantaged communities:
Local median household income is $36,095 well below state ($57,051) and federal ($57,652)

BIH is a game changer for the community - estimated to bring up to 600 permanent jobs with salaries averaging $70,000 /year



$38.75B in private investment from three LNG facilities:

- **Next Decade**
- **Annova**
- **Texas LNG**

Deeper BIH Channel:

- **Increases export capability**
- **Expands U.S. energy dominance**
- **Increases cargo movement, reduces transit times and improves safety**
- **Reduces emissions and increases access to clean, natural gas**