

NOTICE ON CONSTRUCTION WORK OFF ROKKO ISLAND, KOBE AREA SECTION 6 OF HANSHIN PORT

Contractor: Penta-Ocean & Nippon Kaiko Specified Construction Joint Venture

Inquiry: Management Office of Navigational Safety Information on Kobe Port Marine Construction Work
 [Website: <http://www.kobe-kaibouken.or.jp>]
 Ordering party: Kobe Port Office of Kinki Regional Development Bureau, Ministry of Land, Infrastructure, Transport and Tourism



Inquiry QR code

The following types of work will be carried out in the Kobe area Section 6 of Hanshin Port: **Armor coating and foot protection work, main work, backing and backfilling operations, and miscellaneous work.** Workboats will move in and out of the work area for the construction work. The safety measures specified below are taken during the construction work period. However, all vessels passing nearby are requested to give a wide berth and navigate with caution.

Management Office of Navigational Safety Information on Kobe Port Marine Construction Work

1. Work period and time

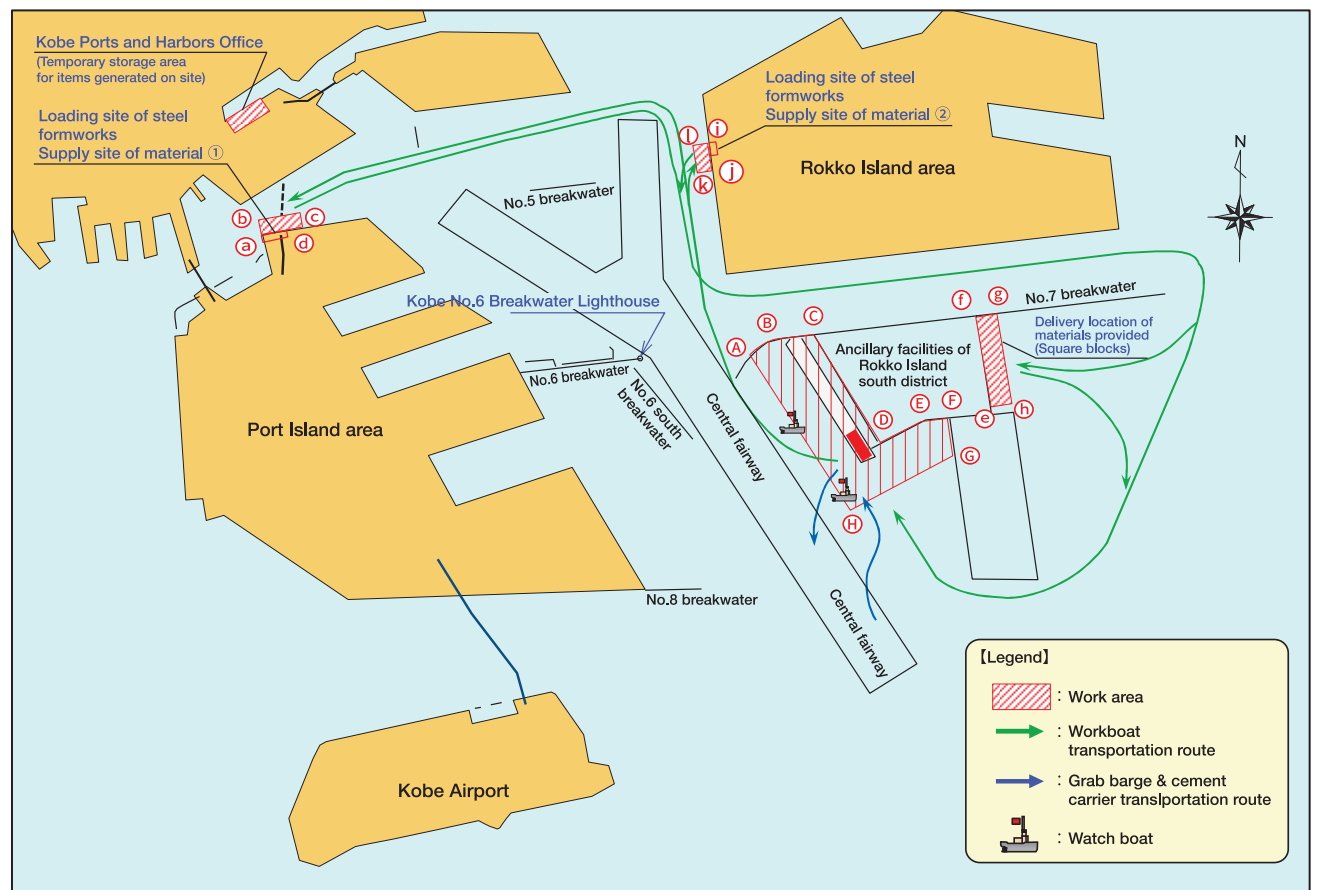
Work period: From November 18, 2024 through May 9, 2025.
 Work time: From sunrise to sunset.

Type of work	2024		2025				
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
Preparatory work	■						
Preparatory work (bathymetric survey)	■						
Armor coating and foot protection work (removal and installation of armor blocks, temporary placement and installation of foot protection in bags)	■					■	
Main work (temporary placement of square blocks and foundation blocks)		■					
Main work (Leak-proof sheet installation through to formwork assembly)		■	■	■	■		
Main work (Concrete placement)		■	■	■	■		
Backfilling and backing (Backing material disposition)		■				■	
Backfilling and backing (Backfilling material disposition)					■	■	
Watch boats (shared with nearby construction work)	■	■	■	■	■	■	■
Cleanup							■

2. Work area

Basepoint	Kobe No. 6 Breakwater Lighthouse 34°-40'-14.2" N 135°-14'-43.1" E		
Location	Point	Azimuth	Distance
Construction site of ancillary facilities	Point A	From basepoint 93° 51' 50"	956m
	Point B	From point A 46° 48' 44"	305m
	Point C	From point B 79° 45' 08"	380m
	Point D	From point C 149° 58' 09"	1,143m
	Point E	From point D 59° 57' 19"	390m
	Point F	From point E 81° 48' 41"	230m
	Point G	From point F 171° 48' 54"	312m
	Point H	From point G 240° 29' 00"	1,050m
Loading site of steel formworks Supply site of material ①	Point a	From basepoint 290° 17' 16"	3,421m
	Point b	From point a 349° 50' 12"	50m
	Point c	From point b 79° 50' 12"	290m
	Point d	From point c 169° 50' 12"	50m
Delivery location of materials provided (Square blocks)	Point e	From basepoint 98° 4' 33"	3,060m
	Point f	From point e 351° 42' 43"	800m
	Point g	From point f 81° 42' 43"	150m
	Point h	From point g 171° 42' 43"	800m
Loading site of steel formworks Supply site of material ②	Point i	From basepoint 18° 52' 23"	2,095m
	Point j	From point i 171° 45' 54"	130m
	Point k	From point j 261° 58' 15"	50m
	Point l	From point k 351° 45' 54"	130m

The work will be conducted in the sea area surrounded by the lines connecting the above points in sequence.

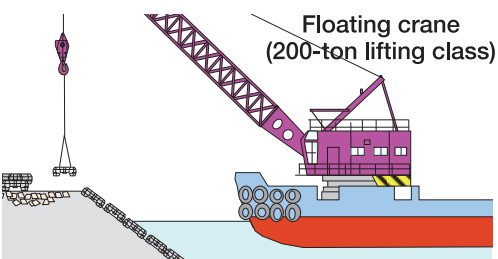


3. Work overview

Armor coating block installation Armor coating and foot protection

Construction period: Mid-November 2024 - Mid-April 2025

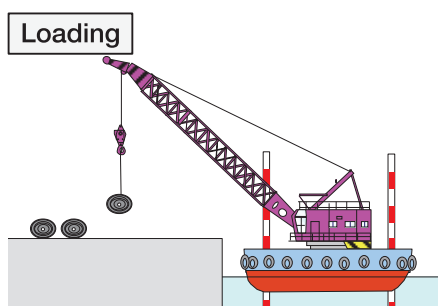
A floating crane will install armor blocks that have been temporarily placed at the work site.



Square blocks, formwork, and leak-proof sheet installation Main work

Construction period: Early December 2024 - Mid-March 2025

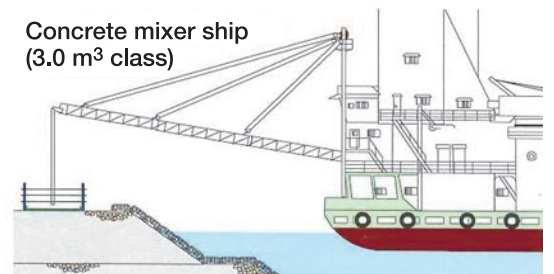
A floating crane will load and transport square blocks, steel formwork, and leak-proof sheets to the work site, where they will be temporarily stored, assembled, and installed.



Concrete placement Main work

Construction period: Mid-December 2024 - Mid-March 2025

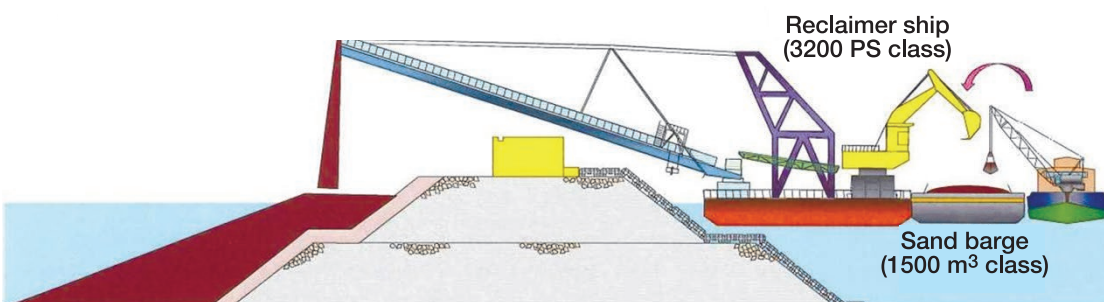
A concrete mixer ship will place concrete in steel formworks.



Backing material disposition Backfilling and backing

Construction period: Late November 2024 - Early December 2024

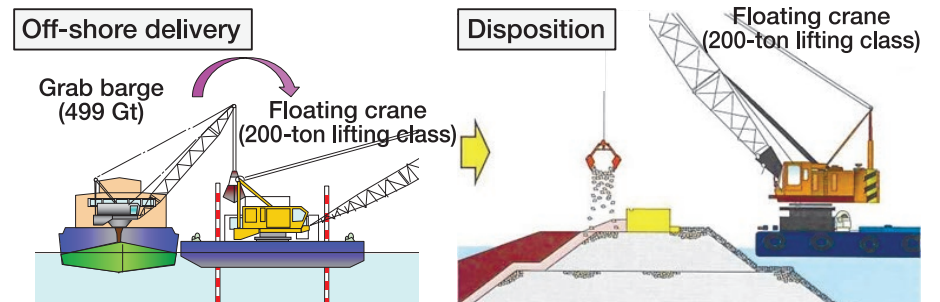
A reclaimer ship will cast backing material.



Backfilling and backing material disposition Backfilling and backing

Construction period: Mid-March 2025 - Early April 2025

A grab barge will transport gravel, and a floating crane will cast them.

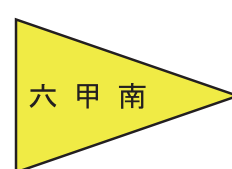


4. Safety Measures

- Each workboat will display a light and object specified by the Act for Preventing Collisions at Sea along with the flag ① representing the Joint Venture.
- The grab barge that will transport materials will hoist the destination flag ②.
- During diving work, the barge will hoist a signal plate of International Flag A ③ in accordance with the Prevention of Collision at Sea Act.
- The watch boats, as described above, will be allocated around the work area during work. Each watch boat will hoist a warning flag ④ to provide information to vessels passing nearby, draw attention, and work on the maintenance of marine traffic safety.
- For details of this work, scan the QR code upper on the right-hand side.



① Workboat flag



② Destination flag



③ International signal flag A



④ Watch boat flag