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STAFF REPORT
HARBOR DISTRICT MEETING
October 12, 2023

TO: Honorable Board President and Harbor District Board Members

FROM: Rob Holmlund, Development Director

DATE: October 9, 2023

TITLE: SUPPLEMENTAL STAFF REPORT TO: Receive Status Update Regarding Humboldt Bay Offshore Wind Heavy Lift Marine Terminal Project

SUMMARY: On 10/5/23, the District released a staff report for agenda item #11a. The title of that report is "Receive Status Update Regarding Humboldt Bay Offshore Wind Heavy Lift Marine Terminal Project." That staff report has four attachments. Formatting errors occurred to Attachment A and Attachment B during the process of converting the staff report to a PDF. This supplemental staff report provides correctly formatted versions of Attachment A and Attachment. There are no content changes from the original staff report, only the correctly formatted Attachments.

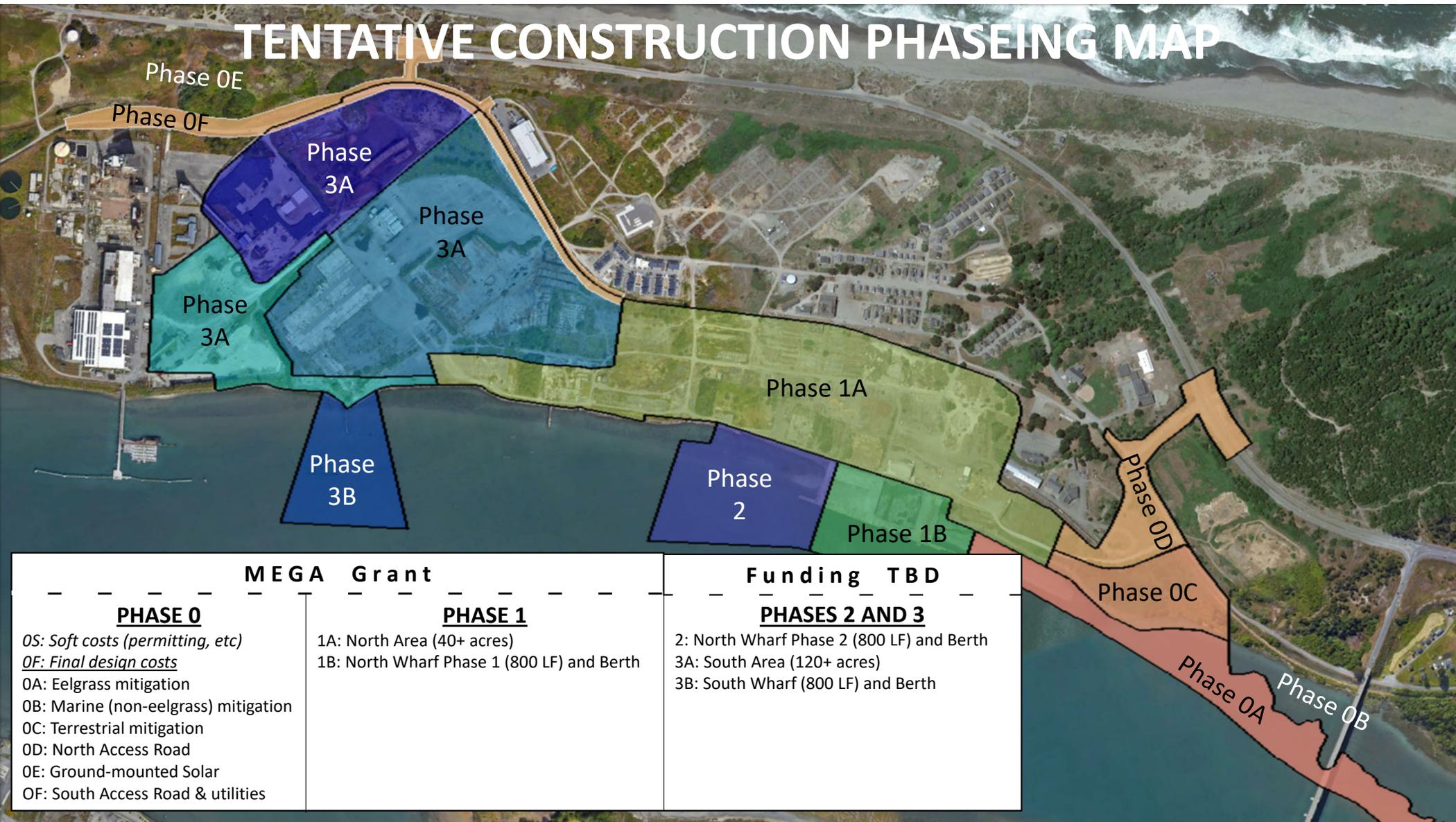
ATTACHMENTS TO THIS SUPPLEMENTAL STAFF REPORT THAT HAVE BEEN CORRECTED SINCE THE RELEASE OF THE 10/5/23 STAFF REPORT:

- A** Tentative Construction Phasing Map
- B** Current Project Schedule

ATTACHMENTS TO THE STAFF REPORT RELEASED ON 10/5/23 THAT DO NOT NEED TO BE CORRECTED OR RE-RELEASED:

- C** Project Budget Status
- D** Proposed Community Benefit Program for the Wind Terminal Project

TENTATIVE CONSTRUCTION PHASEING MAP



HUMBOLDT BAY OFFSHORE WIND HEAVY LIFT MARINE TERMINAL: PROJECT TIMELINE (as of Q4 2023)

Work Category	Project Task	2023						2024				2025				2026				2027				2028				2029			
		Jun	Jul	Aug	Sep	Oct	Nov	Dec	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
1 2 3 4 5 6 7 8 9	Consultant Coordination	TA-3		TA-3		TA-3		TA-5				TA-5				TA-6															
	Intensive Design Workshops Weekly Meetings (PM)							TA-5				TA-5				TA-6															
3 4 5 6 7 8 9	Outreach and Engagement	TA-3		TA-3		TA-3		TA-5				TA-5																			
		Coordination with Tribal Governments							TA-5				TA-5																		
		AB-52 Consultation with Tribal Governments							TA-5				TA-5																		
		Project Labor Agreement							TA-5				TA-5																		
		Implementation of Community Engagement Strategy							TA-5				TA-5																		
		Engagement with Interested Parties & Affected Communities: Fishermen, neighbors, NGOs, etc.							TA-5				TA-5																		
10 11 12	Funding and Grant Applications	TA-3		TA-3		TA-3		TA-5				TA-5																			
		Port Infrastructure Development Program (Federal) (will serve as funding for TA-5)							TA-5				TA-5																		
		MPDG Grant Program (MEGA and INFRA) (Federal) (will serve as funding for TA-6)							TA-5				TA-5																		
13 14 15 16 17 18 19	Data Collection	TA-3		TA-3		TA-3		TA-5				TA-5																			
		Upland Geotechnical Borings and Analysis							TA-5				TA-5																		
		Marine Geotechnical Borings and Analysis							TA-5				TA-5																		
		Sediment Testing, Analysis, and Sampling							TA-5				TA-5																		
		Supplemental cultural resource and archaeological surveys							TA-5				TA-5																		
		Supplemental terrestrial biological surveys							TA-5				TA-5																		
		Supplemental marine biological surveys							TA-5				TA-5																		
20 21 22 23 24 25 26 27 28 29	Analysis Work	TA-3		TA-3		TA-3		TA-5				TA-5																			
		Dredged Material Management Planning, Coordination, Analysis							TA-5				TA-5																		
		Air Quality Analysis, Terminal Electrification Plan, and Green Construction Plan							TA-5				TA-5																		
		Living Shoreline/Bank/Dredge Slope Stabilization Assessment/Analysis							TA-5				TA-5																		
		USACE Sect 408 Analysis - Hydrodynamics, Sed Transport, Local Wet Storage							TA-5				TA-5																		
		Land Transportation Analysis							TA-5				TA-5																		
		USCG Analysis – Aids to Navigation, Vessel Maneuvering, and Navigation Analysis							TA-5				TA-5																		
		Off-Terminal Habitat Assessments/Surveys							TA-5				TA-5																		
		Visualization and Noise Analyses/Studies							TA-5				TA-5																		
30 31 32 33 34 35 36	Engineering Design	TA-3		TA-3		TA-3		TA-5				TA-5																			
		Agency Coordination							TA-5				TA-5																		
		Civil Engineering and Site Design							TA-5				TA-5																		
		Marine Engineering Design							TA-5				TA-5																		
		Cost Estimates/Constructability/Quantities							TA-5				TA-5																		
		15% Design							TA-5				TA-5																		
37 38 39 40 41 42 43 44	Regulatory/ Permitting	TA-3		TA-3		TA-3		TA-5				TA-5																			
		CEQA Environmental Setting							TA-5				TA-5																		
		Finalize Project Description							TA-5				TA-5																		
		CEQA Notice of Preperation / Scoping							TA-5				TA-5																		
		CEQA Initial Study							TA-5				TA-5																		
		CEQA Environmental Impact Report							TA-5				TA-5																		
		NEPA Environmental Impact Statement							TA-5				TA-5																		
		Obtain Permits (including Zoning and LCP)							TA-5				TA-5																		
Marine Geotechnical Investigation Permitting							TA-5				TA-5																				

MILESTONE: Permitting Complete

MILESTONE: Terminal Construction Begins



HUMBOLDT BAY OFFSHORE WIND HEAVY LIFT MARINE TERMINAL: PROJECT TIMELINE (as of Q4 2023)

Work Category	Project Task	2023						2024				2025				2026				2027				2028				2029			
		Jun	Jul	Aug	Sep	Oct	Nov	Dec	Q1	Q2	Q3	Q4	Q1	Q2	Q3																
45	Eelgrass Mitigation Project	Prelim Design, Permitting, CEQA, Final Design, and Bid Documents																													
46		Construction - Phase 0a-1 - Eelgrass Habitat Restoration/Mitigation																													
47		Construction - Phase 0a-2 - Eelgrass Habitat Restoration/Mitigation																													
48		Construction - Phase 0a-3 - Eelgrass Habitat Restoration/Mitigation																													
49	Phase 0 (Non-Eelgrass Bio Mitigation and Roads)	Prepare Final Plans, Specifications, and Bid Documents for Phase 0																													
50		Construction - Phase 0b - Marine habitat mitigation/restoration (non-eelgrass)																													
51		Construction - Phase 0c - Terrestrial habitat mitigation/restoration																													
52		Construction - Phase 0d - North Access Road (and utilities?)																													
53		Construction - Phase 0e - Ground-mounted Solar																													
54	Construction - Phase 0f - South Access Road and utilities																														
55	Terminal Project: Final Design, PS&E, and Bidding	Prepare 60% Plans for Phases 1 through 3																													
56		Prepare 90% Plans and Specifications for Phase 1																													
57		Prepare Final Plans and Specifications for Phase 1																													
58		Prepare Bidding Issue Plans and Specifications for Phase 1																													
59	Terminal Project: Construction	Phase 1a - 40-acre Tarmac/Laydown Yard (and some buildings?)																													
60		Phase 1b - North Wharf - Phase 1 (800 LF)																													
61		Phase 2 - North Wharf - Phase 2 (800 LF)																													
62		Phase 3a - 120-acre Tarmac/Laydown Yard (and some buildings?)																													
63		Phase 3b - South Wharf (1600 LF)																													
64	Phase 4 - Manufacturing buildings																														
65	CBP	Community Benefit Program																													
66	Supplemental Bay Wide Wind Port Master Planning	TA-3						TA-6				M*																			
67		Green Port Plan																													
68		Diversity, Equity, Inclusion, and Accessibility (DEIA) Plan																													
69		West Coast Floating Offshore Wind Needs Evaluation																													
70	Opportunity and Options Analysis for Sites Throughout Port of Humboldt																														
	Impact Assessment and Evaluation of Mitigation Alternatives for baywide project concepts																														

Terminal Construction Begins

- Notes and Symbol Key:**
- = Completed HBHRCD Board Action
 - = Future HBHRCD Board Action
 - TA-3 = Moffatt & Nichol Contract Task Order 3 (funded w/ CEC \$10.45M grant)
 - TA-4 = Moffatt & Nichol Contract Task Order 4 (tentatively funded w/ Caltrans Eelgrass Coop Agreement)
 - TA-5 = Moffatt & Nichol Contract Task Order 5 (currently unfunded, but planned to be funded w/ pending PIDP \$10M grant)
 - TA-6 = Moffatt & Nichol Contract Task Order 6 (currently unfunded, but planned to be funded w/ pending \$400+M MEGA grant)
 - M* = Construction (currently unfunded, but planned to be funded w/ pending \$400+M MEGA grant and \$400+M private match)
 - tbd = To be determined
 - = Major milestone

This tentative schedule is subject to change.

