



May 2024

Yellow Submarine Alternative Site Study - Site 05 – Eastern Breakwater



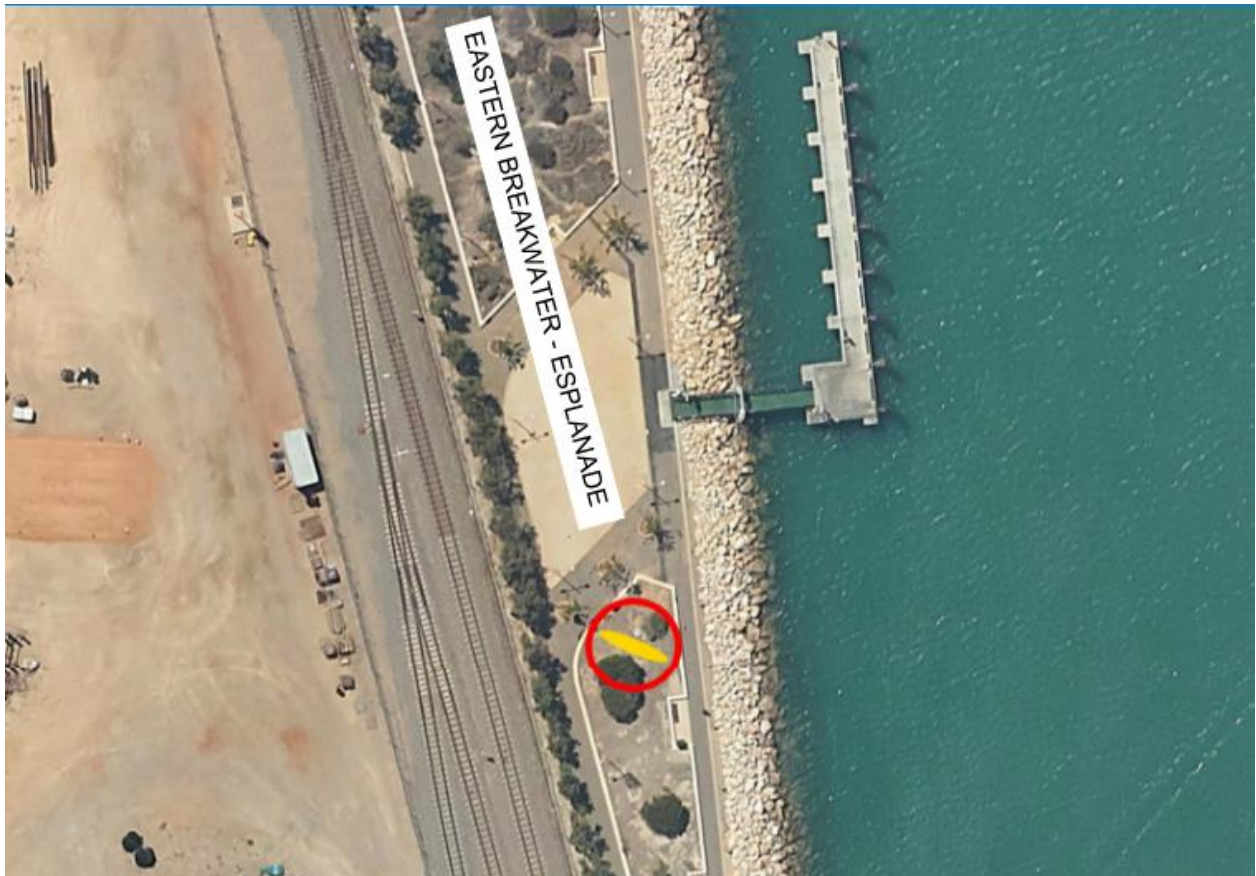
Yellow Submarine Alternative Site Investigation – Eastern Breakwater

At the Ordinary Meeting of Council on 30 April 2024, Council endorsed an alternative motion for Item IS301 Acquisition and Installation of the Yellow Submarine.

Council Resolved to:

1. ACCEPT the gifted asset of the refurbished Yellow Submarine from the Rotary Club of Batavia Coast; and
2. DIRECT the Chief Executive Officer to investigate options to install the Yellow Submarine on the Eastern Breakwater with a report to be presented to Council at the July 2024 Ordinary Meeting of Council.

Following is the site investigation report providing information for consideration of installation at the alternative site #5 - Eastern Breakwater, Geraldton.

| Area Map | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | |
| Impact (Positive/Negative) | |
| Positive/Pros | Negative/Cons |
| <ul style="list-style-type: none"> • Adds to an already developed tourist area. • Lighting/CCTV infrastructure is already available (may require some additional). • Strong connection to maritime industry and the port. • Greater visibility and general oversight. | <ul style="list-style-type: none"> • Direct exposure to marine corrosion. • Exposure to damage in storm event. • Closure of Esplanade for installation/maintenance. • Leased property – permits and authorisation may be required. |
| Site Visit Report | |

The Eastern Breakwater is a contemporary interpretation of the original Esplanade Jetty. The structure boasts a viewing tower, barbecue facilities, shaded path areas, a recently constructed commercial jetty and views of the port; foreshore; and Champion Bay which is a home to a rare colony of sea lions.

An established tourist attraction, walking route and community space with signage that draws attention to the site and its history, as well as the geological formations of the landscape surrounding the Bay. The addition of the yellow submarine, proposed to be in the second raised garden bed, will connect with the history and maritime theme. With ample parking at the Francis Street Jetty carpark and existing infrastructure including seating and lighting within the vicinity and the City's existing CCTV network provides visibility of the proposed yellow submarine from a pan-tilt-zoom type function which various stakeholders have functionality of. Should exclusive view of the yellow submarine be required, it is suggested a fixed camera option be connected to the City's CCTV infrastructure. Various irrigation and CCTV services run through the garden bed and service relocation may be required dependent on orientation. Enquiries were made to ensure access for plant and equipment is attainable however, for community safety the Esplanade will require closure during installation.

Risks

Accelerated corrosion process due to ocean proximity, possible susceptibility to damage in storm event and vandalism. Some fall risk that may be mitigated by surrounding with mulch and vegetation with some fencing and cautionary signage.

Land Type

Midwest Port Authority Peppercorn Lease

Concept Level Scope of Works

- Midwest Port Authority approval.
- Pedestrian & Traffic Management Plan.
- Services relocation (if required).
- General site clearing, vegetation removal and tree pruning.
- Minor earthworks.
- Construction of a reinforced concrete slab.
- Submarine transportation and installation.
- Fencing installation.
- Upgrade CCTV.
- Signage installation.
- Landscaping and irrigation.

Estimate

| Stage | Item | Budget |
|----------------------------|----------------------------------------------|----------|
| Design & PM | Design and Project Management | \$6,000 |
| Delivery | Subterranean Services Location | \$4,000 |
| | Traffic & Pedestrian Management | \$5,000 |
| | Earthworks | \$5,000 |
| | Construction of reinforced concrete slab | \$20,000 |
| | Loading and transportation to final location | \$5,000 |
| | Installation of Submarine and fixings | \$5,000 |
| | Service Relocation (if required) | \$5,000 |
| | CCTV | \$5,000 |
| | Signage | \$4,000 |
| | Fencing | \$5,000 |
| Landscaping and irrigation | \$6,000 | |

| | | |
|--|-------------|----------|
| | Contingency | \$5,000 |
| | Total | \$80,000 |

Site Photos



Artists Impression –



Conclusion

Alternative Site #5 – Eastern Breakwater offers several positive advantages, including being in an already well known and utilised tourist and community location. The sites proximity to water and the Port could be considered to provide a sense of connection to the maritime industry and can be viewed by tourists utilising the new commercial jetty. Existing lighting and CCTV infrastructure is in place that can be upgraded for a permanent view of the Yellow Submarine, and to reduce the risk of vandalism. The submarine would be able to be viewed from most points along the foreshore which will attract more visitors to the site.