

Safety Upgrades: Maraboo and Othello Bridges Ngarkal Beach, North Coogee

Community Engagement Summary
March – April 2022

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1. Overview

The City of Cockburn is installing anti-climb structures on the Othello and Maraboo Bridges at Ngarkal Beach in North Coogee. The structures are required to improve community safety.

The structures will be installed on the northern side of Maraboo Bridge and both sides of Othello Bridge later in the 2022-23 financial year.

The project has several constraints including:

- Budget – Design and construction must be compatible with the available funding and consider ongoing maintenance costs.
- Materials – Need to be durable, low-maintenance and suit the harsh marine environment.
- Design – Should be engineered to meet anti-climb requirements and tie-in aesthetically with the area.

The City engaged architects to prepare two designs options.

The following aspects of the project are negotiable and were put forward to the community for comment:

- Public artwork – The structures will include perforated aluminium panels. The perforations can be arranged to create shapes, patterns, and images. Artistic themes for the panel perforations are yet to be determined.
- Design selection – There are two anti-climb structure designs to choose from.

The engagement objectives were to:

- Inform the community about the safety upgrades, and
- Consult with the community to identify design preferences and artwork themes.

Participants were informed that their feedback would help to guide final design decisions.

2. Engagement Summary

The City sought community feedback over 39 days between 3 March and 11 April 2022.

Due to the COVID-19 pandemic, a low-contact engagement process was undertaken. Community input was encouraged via the following channels:

- Hard copy feedback forms (available at the City of Cockburn marina and administration offices),
- Online feedback form (available on the City of Cockburn Comment on Cockburn website),
- One on one meetings (opportunity to book an online or in person meeting with project staff),
- Over the phone.

Design drawings and perforated panel examples were made available in hard copy and online.

An online question and answer form was established to provide a Covid-safe means of two-way communication.

Information about the project was shared in the following ways:

- Signage installed on the bridges,
- Project page on the Comment on Cockburn website,
- Letters dropped to properties near the bridges (approximately 50m-100m),
- Letters posted to absentee owners of properties immediately adjacent to the bridges,
- Follow up emails (where contact information was available) to property owners immediately adjacent to the bridges,
- Materials on display at the City of Cockburn Marina Office,
- E-newsletter to Comment on Cockburn subscribers who live in North Coogee,
- E-newsletter to the Port Coogee Community Association, and
- Online project overview by staff to the Port Coogee Community Association committee members.

The following insights were collected from the project website:

- 520 Comment on Cockburn e-newsletter recipients (68.8% open rate),
- 353 project website visits,
- 137 downloads of the design documentation,
- 103 online feedback form visitors, and
- 88 completed feedback forms (either online or hard copy).

3. Key Findings

- All respondents are from City of Cockburn and the vast majority (93%) live in North Coogee.
- Design A (open design anti-climb structure) is the preferred design (78.5% prefer Design A; 4.5% prefer Design B; 2.5% prefer both; and 14.5% prefer none of the options).
- Why respondents prefer Design A:
 - Aesthetics,
 - Perceived cost,
 - Design (most difficult to climb),
 - Lower maintenance, and
 - Safety (open design appears safer to walk through in periods of low light).
- 'Marine' is the preferred (73%) artwork theme for the perforated panels.
- Why respondents prefer 'marine' theme:
 - Fits with the area.

A copy of all responses is provided in the next section.

4. Results

In the interest of transparency, responses are provided as they were received with minimal editing, so some spelling and grammatical errors may exist.

Feedback form responses

What are your thoughts about each of the design options?
Cabel all the way to the top please
I walk over this bridge daily and the bridge itself can be seen from my alfresco area. So whatever structure is built, it will be seen from my house. I would prefer the bridge railing to remain as it is now. It's a real shame that a structure needs to be built because of bored and unsupervised teenagers doing the wrong thing. Whatever you build these teenagers will still manage to climb up and it will be higher and more dangerous. Option A is my preferred one as it is the least obtrusive. Option B is obtrusive and will give the teenagers a platform to jump off.
Both look good and I like the idea of a covered area in the event of rain, however seeing the disregard of safety people have jumping off of the bridge, I have no doubt they would find a way to climb onto the roof and jump off of that.
Design A is better looking and more cost effective
Design B is overkill. Design A acceptable.
I do not believe that either design will stop the jumping, the stainless steel cable infills is what the current design problem is; used as rungs to climb then straddle from the other side and jump. This is used by adults who supervise younger children to climb over and jump. Many adults use the wire system to climb over also.
Both options are good measures for the purpose
Design B is absolute overkill. Design A is more appropriate and aesthetically appealing.
Of the 2 designs I prefer the open design it looks more aesthetically pleasing
I prefer design A open design. Pleased to see something being done to fix this safety issue.
I like the simple designs and also the fact it'll prevent people from climbing and jumping off the bridge, even though I think the enclosed one can still be climbed on and used as an even higher elevation for kids/people to jump off due to its accessible roof line. I think A is simpler and cleaner and more appropriate for the function sought and the 'look' it provides.

Personally I don't believe that we should be putting any structure in place, very disappointing by Council. Complete waste of our money!
B require more cleaning?
Don't like either of them.
Prefer design A. Lighter. More Sculptural - almost wavelike. Likely to be effective - looks hard to climb or stand on. Design B appears more heavy and likely to block views. Much more of a traffic hazard to vehicles. Ineffective as it appears easily climbable.
Open design is quite adequate and likely to be a lower capital cost
My concern is whether either of the designs will keep the youth from climbing and jumping off it. I think the open design is visually quite pleasing but would like some artwork of either a maritime or marine nature on it.
Structure B they will climb onto the roof and also vagrants may choose to sleep in them.
Both designs look good and blend well with the current architecture.
I prefer design A as it is less intrusive . Design B looks like a wind tunnel.
I would prefer neither as people need to start being responsible for their own safety. But I dislike Design B the most.
Nice, not very original in design but serves purpose to prevent people climbing and jumping from structure
concerned may give a real cage like affect
The open design is in my opinion much better and cost effective
Neither design adds much protection from the weather which predominantly comes from the western side
Open screen is preferred option A
Plan B is too closed in and it is unnecessary for it to be closed in. I think it is important to have designs imprinted on the wall so it looks more attractive.
Design A appears adequate, Design B seems a bit of overkill and will no doubt cost more, a closed in structure is not needed at these locations.
Design A appears more functional and less obtrusive. Also more visually appealing. Design B is over complicated and I can see kids being able to climb on top and slide down into water, defeating the purpose of the structure.
What is the dangers involved for kids jumping into the water?? What is the risk Analysis and the cost benefit analysis for this project please.
Prefer design A More open structure

From a safety point of view at night I would be concerned going through a closed stru
Both horrible. Spend the money on better signs or slsc
Design A best suits the deluxe area as it does not look as bulky, low level hand rail / bump rail instead of vertical poles.
It's unfortunate that the structures are required, as I feel it will detract from the bridge.
Although both designs will look good I think enclosing the structure is unnecessary and structure A would keep the open space feeling.
I prefer open structure A
Design "A" Open structure is OK. Design "B" Closed structure is a Safety Hazard. People will climb up and jump off the top. (Dont consider).
Design B is "heavy" and not so aesthetically pleasing as design A.
Not really a fan of either design
Design 'A' is our preference
Both designs are acceptable but prefer the open design. I think the closed structure with a roof will still entice people to climb no matter what anti-climb structures are put in place. Where there's a will there's a way.
You need to put something where people driving on the bridge can still see the view of both sides that won't interrupt the beauty of the beach. A lot of people are saying this because the view is what gets people to go there
Option A less intrusive
If this is required then, definitely the open design. I feel the closed design will almost provide a walking or sun-baking platform. The kids that jump from the bridge seem to be able to climb anything, so I feel they will just find these changes a greater challenge.
We spend so much money having to prevent people from doing the wrong thing instead of dealing with the root cause of the problem itself. People find ways around barriers to carry on doing the wrong thing. We the rate payers have to pay for the preventive measures that may or may not prevent the issue. For me, whatever solution is agreed upon, it needs to be highly aesthetically pleasing to the eye, being made of anti-graffiti materials and be able to withstand our harsh climate. We are already seeing our built infrastructure here in Port Coogee deteriorating from the harsh climate we experience here (and I don't just mean the weather!!). I have ticked either A or B on the proviso that the solution takes on board what I have said here and is highly aesthetically pleasing to the eye as a priority.
Design A, open structure.
OK - Open structure Enclosed Stucture - too Obstructive and not aesthetically pleasing

Apologies to the designer but I think they are ugly and completely out of balance. The existing bridge is bad enough but these additional structures take it from bad to worse. Very out of balance with the surroundings.
Both designs would work but i fear the closed option could encourage youngsters to use it as a meeting point/shelter.
both are good but Design B seems a little 'heavy'
Don't waste money on either or any more work using the safety excuse
A - looks good B - definitely do not need Roof structure. could create more problems.
I truly believe such a structure is necessary as it will prevent the general public from using the bridges for the purpose of being able to jump off into the water below Such a structure will be required on both sides of the bridge
1. They look to be an expensive construction. Design B moreso. 2. I am sure that Design A is still very climbable. The wire is a convenient ladder. 3. Design B looks to be a jumping deterrent but I'm sure it is climbable from the road side. 4. I prefer a cheaper upright open steel slat barrier. Either in galvanised or Cor-ten steel.
Design A is far better
Prefer the open design as it is more in keeping with the rest of the area. Not sure if either will keep people from jumping. Maybe something in the water like a sculptural platform? then there is =nowhere for them to land without hurting themselves.
Both designs are great in guarding people from jumping off the bridge
Is there a possibility of just having the stainless steel infill cables without perforated infill panels? As the structure starts to curve over, I cant imagine anyone being able to climb
Both designs are inadequate to stop people jumping of the bridges, it will offer something a structure to climb on and jump from the top or roof into the water. Also not aesthetically pleasing for the are looks like a prison tunnel walk though.
What will it cost me in counsell rayes
My preference is to leave the bridges as they are. I prefer to have people jumping off rather than some sort of barrier installed.
We have constantly watched the people jump off the bridge and no regard for cosine instructions when they attend. We think that they will still find a way to climb the open structure.
Design A is the better of the 2 options. I don't like enclosed as I think it will create other issues such as homeless and other people sheltering in it. Also I believe the teenagers can still climb both designs. I think it's a waste of council \$\$\$. the kids also climb down on the sides of the wall and jump off the rocks on the side which is scary to watch. One trip and they will hit the rocks. I believe you should show the designs to teenagers and ask how they would climb it. Why not put something

they can jump off the floating jetty? Or use glass as it's not climbable. Also our estate is prestige but has ugly bridge. Please at least make it look like a beautiful feature rather than a prison bridge or something from the Bronx!

Unfortunate to have to do this. I think there will be a lot of upkeep and will be vanulised

I prefer design A,
Design B is enclosed and there is a potential risk people being able to climb on top of the enclosure and jumping.

Both designs detract from the whalebone sculptural design of the bridge and the open views of beach through to Marina. I am concerned that noise from wind whistling through the new enclosures will be unbearable to nearby residents. Repetitive Perforated metal panels cheapens the overall look and adds wind noise.

Cameras on the bridges and more effective CoSafe patrols or fines for jumpers would be a better option.

I prefer Design A because Design B looks like a tunnel which isn't in keeping with an open beach area

The designs are well considered. The external curvature of the barrier should present a deterrent to stop people jumping from the bridges.

Leaving on Othello Quays, my preference would be Design A Open Structure to both sides of the bridge.

Design B would provide a sheltered & protected spot, which would be subject to more anti social behaviours.

The closed structure looks cheap + tacky like a bus stop!

I have no real issue with either design I feel they both look good my preference would be Design A otherwise you may find Kids hanging out in the area. the enclosed area i feel would look better but would then need to be lit too again attracting people to hang around in the area.

I live at ■■■ & both myself and my opposite neighbour ■■■ are probably the main ones affected by this .

My real concern is the gap between my fence and the start of your new structure. I am concerned that people will continue to use this area to jump off and will access the new structure using the area between my wall/glass fencing and the new structure. There is no detail of how this transition between my property and the proposed structure will look and would like to see further clarification of this.

I have no problem with the kids jumping into the water and it does not bother me, they do it at Coogee Pier. The water seams to be plenty deep enough and feel the real way to make this safe is to give them safe access and water deep enough to jump into.

A - Very open, looks good

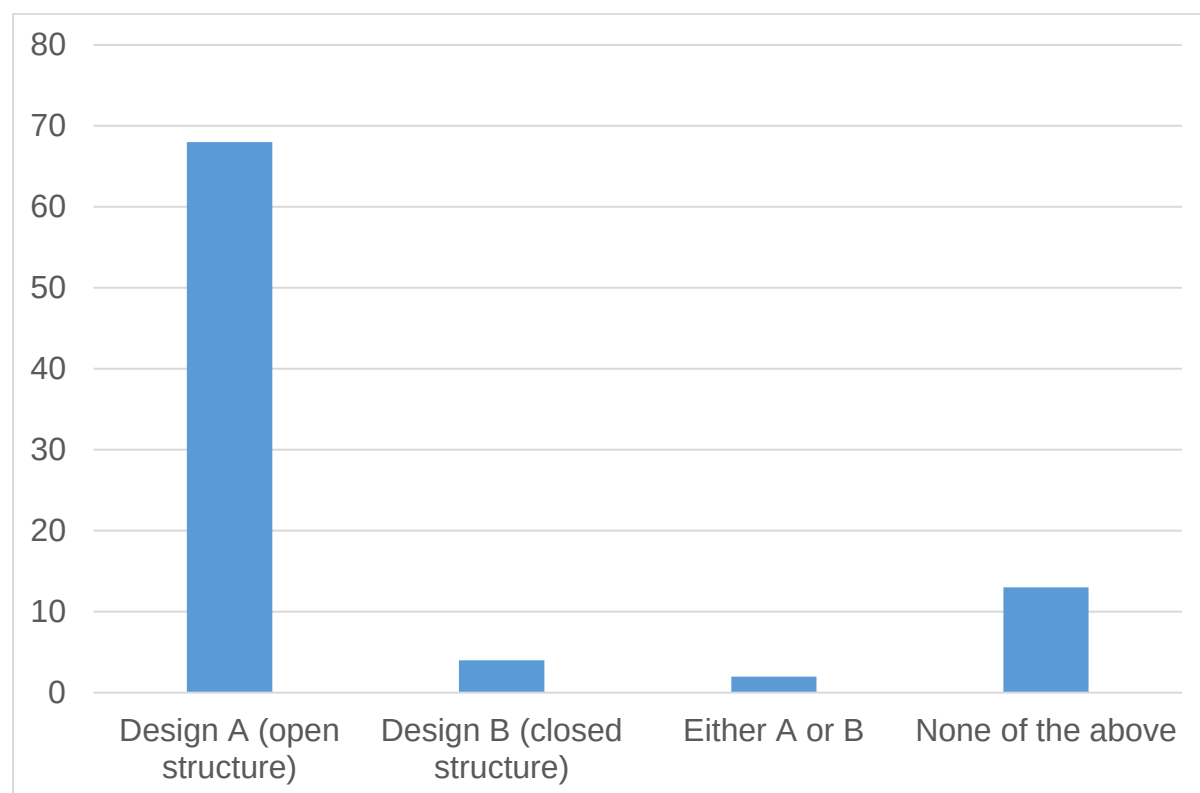
B - Shaded, protects from cars

Prefer A to B which is like a tunnel

Design B is too closed in and unnecessarily expensive.

I think Design A could work

Considering your needs and those of the wider community, which design do you prefer?



What is it about your selection that makes it the best option from your perspective?

Design A

It is the least obtrusive. Option B will give these teenagers a platform to jump off.

Looks like the most difficult to climb on out of the two options.

I think the open design is best, With so many seagulls in the area the amount of excrement on the roof would be quite a job to clean and an eyesore for taller buildings please consider this.

Option A fits the purpose of the upgrade to prevent access while still maintaining an aesthetically pleasing open look

It's more open and less intrusive and I'm sure cheaper!

it takes care of problem with out closing things off to much

Better looking design

See comments in section 5

Open one side would be better for fresh air and smell?

See above. Suits the locality far more than blocks Design B.
Open design is quite adequate and likely to be a lower capital cost
It is more open and in keeping with the marine outlook of the area. Visually not as obstructive.
Structure B they will climb onto the roof and also vagrants may choose to sleep in them.
I believe the Design B is more than what is required and a little more intrusive.
You can still see the surrounding beach and marina
It is less intrusive.
Design B is too enclosed
Prefer open than closed, closed design looks like a tunnel installed when there is overhead construction on a high rise, not at all attractive nor complimentary to the area and vista
Artistically and design wise
Open and not boxed in will stop the trash that visit the area from defacing and painting on it, if closed it invites this behavior
It is an open structure.
Design A is aesthetically more pleasing, we don't need it to be a feature.
Best design to prevent swimmers jumping off bridges and less visually obtrusive.
It's a beautiful bridge and need to look at the north side of the beach from the bridge. We walk often on the bridge.
Prefer the design and look
Neither option is very appealing, but rather an open option than closed in.
Safety when crossing the bridge at night. Cannot be "boxed" in by bad elements
The enclosed structure will get dirty and stained and will look messy and unkempt in a matter of months.
It blends in better and looks more refined especially in the location, suburb home prices and designer homes.
Keeping an open space feeling
Serves its purpose, looks good and more economic than fully enclosed
It should limit jumpers
It performs its function as in anti climb structure and is more aesthetically pleasing than design B in my view.
The other one looks too bulky
Simple, sleek, integrates well with area.
More open plan that blends with the current surrounds
An open structure would make it so it's not so much of an overkill of the view. Again you need to put something that people will still be able to see the view
Less intrusive
As above.
Openness, enough to do the job.

Aesthetically pleasing and will diminish people jumping from the bridge into the water.
See item 5
more visually appealing, but hopefully still as safe.
open Design
Structure A is a lot less intrusive than structure B Considering my opinion that two of these structures will be required on each bridge Structure B could also be perceived as a good spot to become a 'gathering location' to get out of the sun on a hot day's
It flows with the existing structure design and the surrounds
Aesthetics
Design A- being a more open structure keeps it simple, less maintenance, costs less and hopefully allows less rubbish from accumulating along walkway since it's less enclosed
The less you can see the better. Having just the stainless steel cables so you are able to see through it!
Design A is open and reduces the risk of people climbing onto the enclosure.
Has a relatively open appearance but provides the necessary functionality
Design A would make jumping from the bridges more difficult than design B as the roof structure on design B presents a higher platform to jump from (for those who may be inclined to be more adventurous).
Design A seems to be a less intimidating structure to walk through. Design A seems to be a more difficult structure to climb and jump off.
Looks better
More attractive / Roof / closed structure unnecessary
Aesthetics (and cheaper)
looks better, no seagulls on roof
Costs less than B and easier to maintain B more likely to be subjected to graffiti
See 4 [Design B is too closed in and unnecessarily expensive]
open design
Design B
b might provide some sun and rain shelter, but concerned both will look cheap and nasty and those that jump off the bridge now will only see it as a challenge to find a new way to jump off the bridge or structure and do it anyway
Hopefully kids can not climb on roof & dive into water
As per the above, believe they will still climb over.
Either A or B
See comments above
None of the above

I live here and watch what happens down there, to be very blunt kids need to have fun.

Cheaper to have an actual jump platform, OMG.

They both look chunky and not aesthetically pleasing to the eye

There are already signs advising people to not jump. I believe these structures will just provide the youth with another challenge.

I don't think the modification is necessary to begin with. If it is absolutely necessary, surely something less intrusive could be proposed.

Stops wasting money

I think both Designs A & B are still climbable. They look to be more arty than practical. They will need maintenance for the s/s wire stands because youths climb on them as a ladder.

Designs involving structural toughened laminated safety glass at 2000mm high that can be incorporated to the existing metal structure.
this would be a deterrent to stop people jumping this can also be incorporated with Aboriginal art work by Cooling Brothers Glass Company well under the \$400K budget currently allowed.
my contact if you wish to discuss further

The marina aesthetics and feeling of openness will be compromised. I walk these bridges often. I think the proposed structures would make it feel "fortified". The proposed barriers look more like train line safety barriers and this is the wrong environment for it.

I have to look at this bridge every day as I am lucky to live opposite it. I see the kids jumping every day for the last 4 years. No one has been hurt. I think putting something higher is not the answer as they can still climb as it's not slippery. It will be more exciting for them. I believe they will still jump and it will be more dangerous being higher. I think you would also need to put ballastrading down the sides where the rocks are also as when they jump in they swim to the rocks and climb out on the sides. If they couldn't do that they would need to swim to the beach to get out. the distance to swim may help to deter them.

i would prefer it to stay open without obstruction to view.

Keeps views open

No additional wind noise from high metal structures

Any further comments we should consider:

It's great that the city is being proactive about this as it's only a matter of time before someone gets hurt - either the person jumping or the people in the water below... at the moment it's just open to kids (mostly) using the bridge as a theme park structure which it's not, and there is the foreseeable risk of a significant incident/injury that needs to be considered or it could be a very expensive exercise should litigation ensue following an incident.

Many of my neighbours are opposed to changes to the bridge. I don't see others areas building high structures over bridges: eg Mandurah canals, Fremantle bridge to name a few. We live here so it matters.

Plus an invitation for young lads to climb on to the roof

Design will need to ensure that they cannot be climbed on. maybe end panels to be solid aluminium.

Cheaper to have an actual jump platform, OMG maybe no one thought about that! Lets keep everyone locked up and constrained.

Take down the structure above the bridge then there is nothing to climb.

Height of barriers to achieve the desired outcome

could there be some more design to the structure, open best of the two however not at all original nor has architectural interest.

as above

The design imprinted in the material could reflect its location

Why did it take seven years to fix this problem

Niwa fix the crane issues gate the whole place to keep the trash out

Monitor the toilets regularly for any delinquent behavior. Have CO - SAFE regularly monitor both the existing toilet block and the one being built.

What are the dangers involved for kids jumping into the water?? What is the risk Analysis and the cost benefit analysis for this project please. What are the risk profiles for injury, fatality or dropped objects

Regular maintenance and cleaning will be required to keep the structures looking tidy

I have recently sold my home in Port Coogee.

No.

not really

Design "A" should extend beyond bridge to stop access at the sides.

Design 'B' is vulnerable to graffiti, rubbish, animal activity thus on going cost need to be considered. A more costly option from a fabrication perspective too.

Great idea, it's unsafe for people to continue to jump, it's only a matter of time before someone gets seriously hurt

There are so many bridges over water that do not have this hideous ballustrading on them. It seems like absolute overkill and I don't understand at all why it's necessary. Put a net under the bridge instead? Increase the signage. Honestly, what an absolute waste of money.

If anything, just improve the exiting rat anti climb ring, it's all that is needed if you want to waste any money at all.
Definitely two structures will be required for both sides of the bridge If we don't stop the general public from using these bridges as a launching platform someone is sure to get hurt one-day
A slatted angled fence made in galvanised steel or Cor-ten steel welded to a base plank that is then bolted to existing fixings would be un-climbable., cheaper to construct, maintenance free and still allow sight lines through the gaps. I cannot attach a picture but you can visit
Since this bridge is getting updated maybe we can have the bridge on Othello Quays revised at the same time so we can stop people from jumping off that bridge since it happens all the time during summer. Doing it at the same time will save money and time.
This could be a real show case for the Cockburn council to connect with the community and design a feature rather than the eyesore as per design A & B
Maraboo bridge just needs to have the rocks below taken away so there is no convenient way to exit after jumping into the water.
Concerned that graffiti will become the next issue that has to be addressed if the structure is made from materials that attract this.
Although we don't live there currently, our block is directly opposite the Othello Bridge on Cheltryda point
None
Aesthetics and wind noise should be major considerations for the residents of Port Coogee
I have lived on [REDACTED] for 12 months and was building my residence for 2 years prior. During summer months I have witnessed increased anti social behaviours from Jumping off the Bridge, damage to the handrails of the bridge, Ladders, scaffolds, Building materials and rocks being thrown off the bridge. I have been verbally abused from the peoples that gather there. They block the roads in occasions. In that time I have made multiple calls to Co-safe and Marina Management regarding these matters. Co-safe do a fantastic job when they are in presence, but unfortunately soon as they leave, all the trouble returns. I fully support these Anti Climb Structures, hopefully they are in place before someone gets hurt jumping off, with depth of the water getting shallower with the shifting sands. Another point I have raised with the Marina Management is the re-instatement of rope floats to delineate the swimming zone/boating zone at Ngarkal Beach, as was in place when Australand developed.
What is cockburn council doing about the problems we face with people jumping off the jetty at Chelydra Point. We have constant issues with this during summer and warm days. Preventing climbing and jumping off the bridges will make this

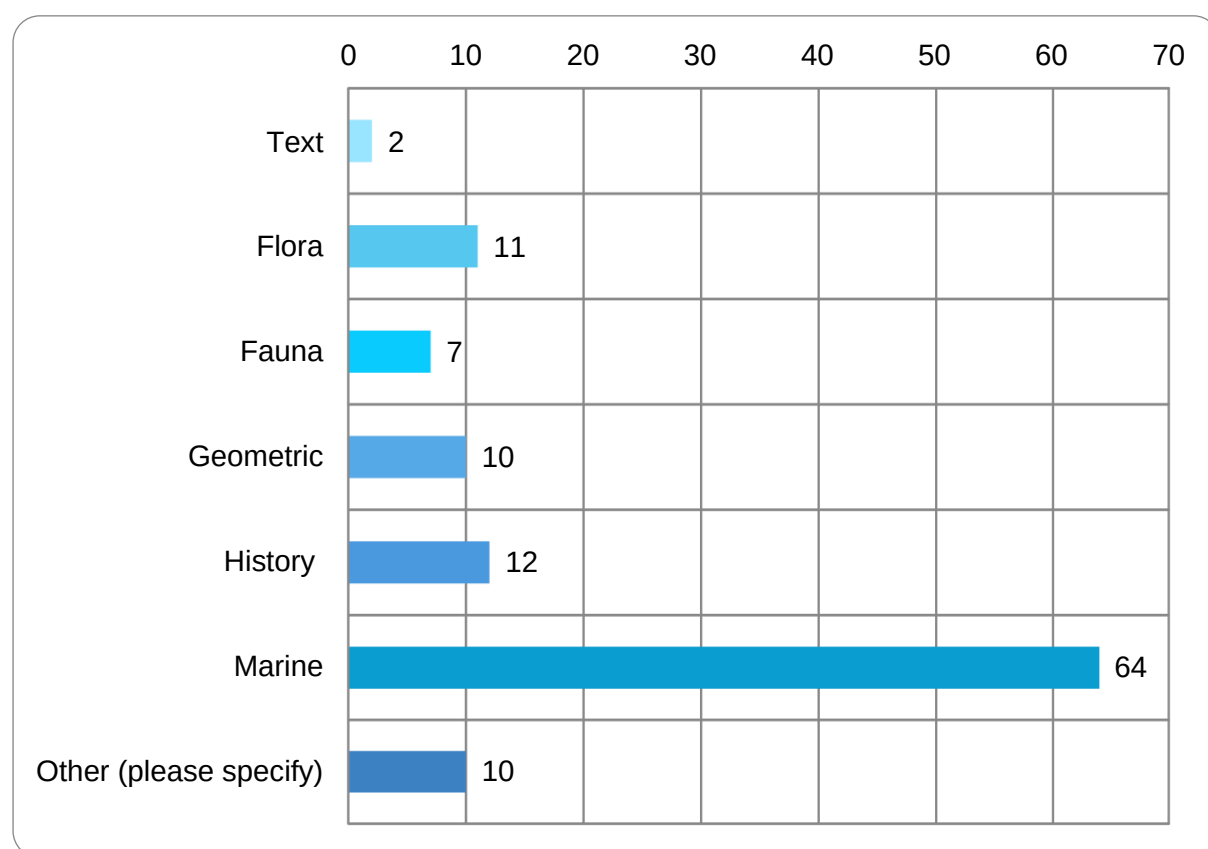
problem worse. We have to call CoSafe sometimes several times a day but the same gangs return.

Cockburn Council need to address the problem of people jumping off the jetty at Chelydra Point. Preventing climbing + jumping off bridges will make it worse at worse at Chelydra Pt jetty. Removing the jetty would be the best option.

If you go for an enclosed structure you may have to consider lighting at night as it will make the area dark

Solar panels / lights

Which themes would be most suitable for the panels, from your perspective?



Other (Please specify)

Plain

Perforated metal panels do not belong in our beautiful suburb

None. Keep it purely sculptural. No text or childlike or cutesy animal or marine stuff. Please keep it dignified - the structure should speak for itself.

None of the above!

None

Maritime or historic maritime

Marine themes, sea scapes.

Indigenous theme

Indigenous Cultural

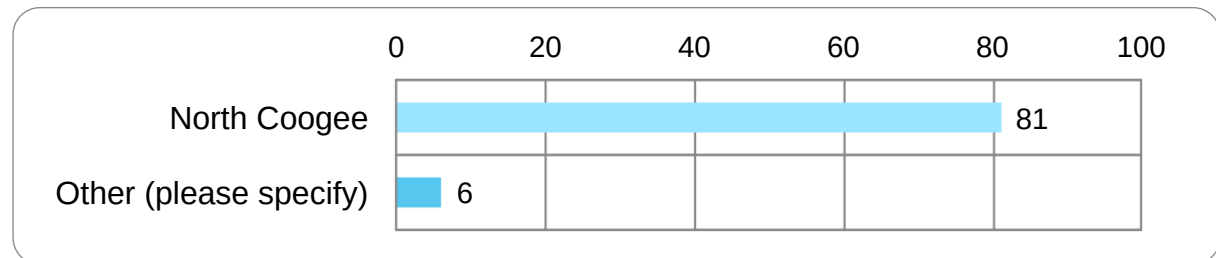
An Australian theme eg aboriginal art something that represents the land there

Comments
It needs to reflect the nature of the area, sea side
I think it should be an open structure I have explained the reasons to think about it above
Please complete "ASAP" its a nightmare living next door to this [ILEGIBLE] and anti social behaviour
Perforated metal panels belong on bus shelters not on our infrastructure in Port Coogee.
There is a tendency to over-design and over-decorate in Port Coogee. Please keep it simple - as above, the structure should speak for itself.
Disappointing decision all round!
Take the structure done and leave the bridge
Don't want them to look industrial.
Boat Pen holder @ Coogee Marina
I actually don't like any of them.
Something relatable to the area... marine, boats/ships etc.
Should be without question given it is on the beach and the rich history of the Cockburn coast and nearby Fremantle
To fit in with the coastal location
L
I think that based on our location, it would make sense to have a marine theme
It would be good to vote on the final panel design selection
Marine that is native to Australia or the area (eg is there a seahorse or fish species that breeds or nests in the area)?
Marine and family If just shape it could be long elegant and curved
A marine theme would fit well with the location and other marine themed structures already on the estate.
Lots of dolphins swim in the area
relates more to its location
Hard to choose when all of it is ugly, obtrusive and hard to justify
Being that it is so close to the water 'Marine' seems to be the logical choice
We have a fair amount of a marine theme happening so I think having any other theme won't work (clash with marine theme) so this is why a geometrical pattern would be perfect.
As least as possible. I wouldn't like to see it looking too busy!
Artwork pertaining to significance of marine life
I am very strongly opposed to these structure as are many residents of Port Coogee. Occasional co-safe patrols, better sinage with emphasis on possible injury or death is sufficient.

As above, concerned about future graffiti because could be attractive if it is a material that can be graffitied on.

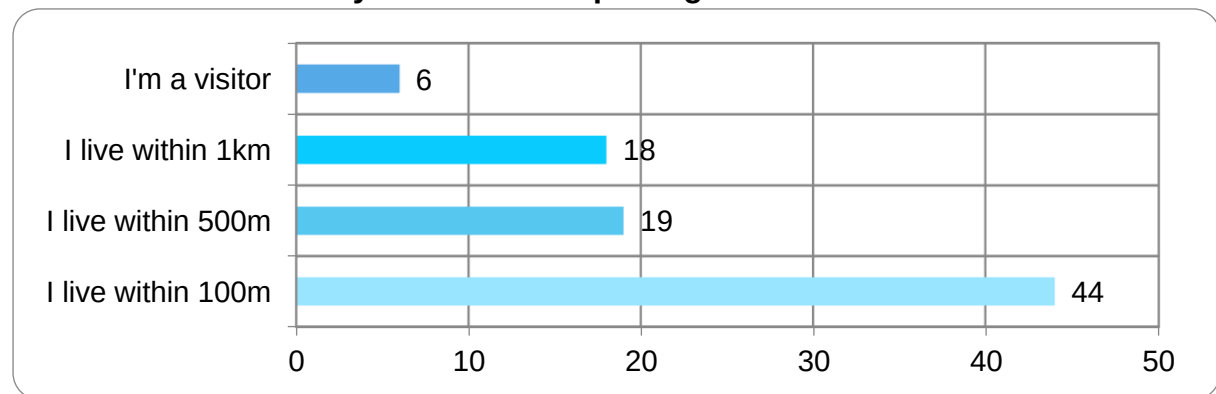
We need a constant patrol of Port Coogee in the summer to remove gangs of youths + anti social behaviours. CoSafe sometimes take up to an hours to attend + are mostly ignored by these youths.

Suburb

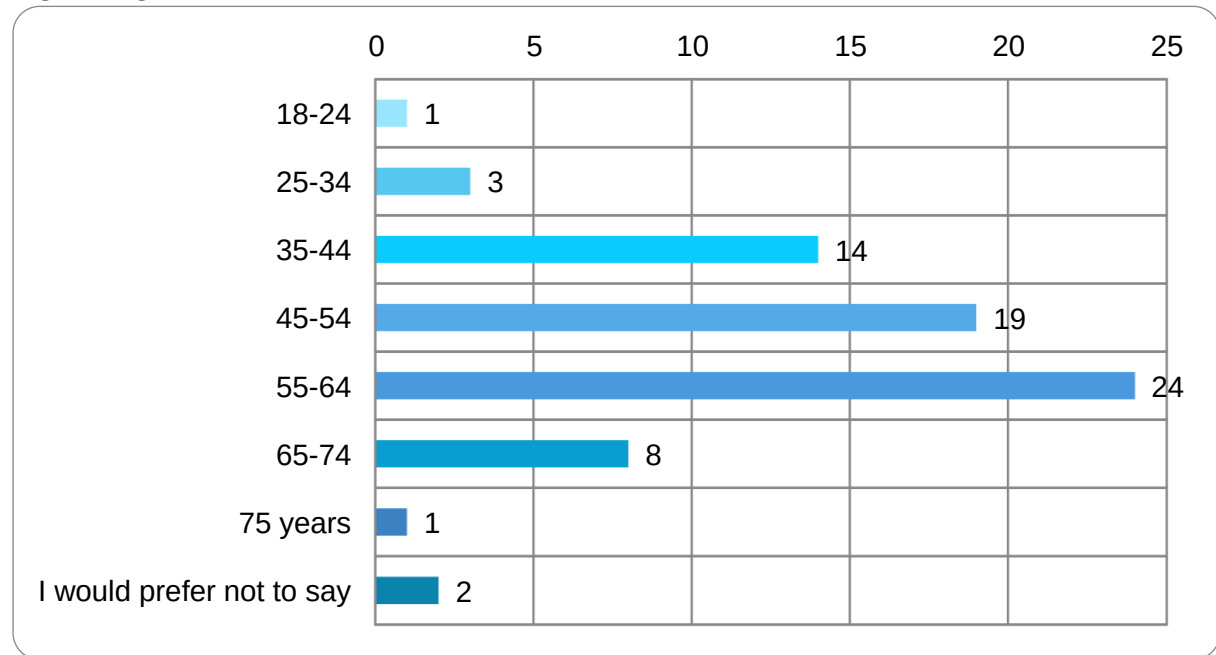


- Coogee (two)
- Cockburn (one)
- Hamilton Hill (one)
- Hammond Park (one)
- Spearwood (one)

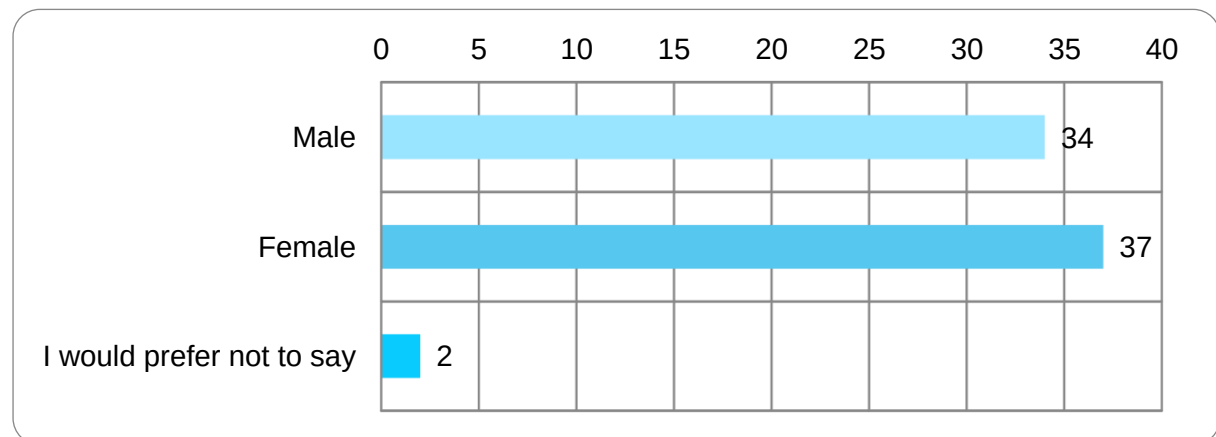
Which best described your relationship to Ngarkal Beach



Age range



Gender



5. Next Steps

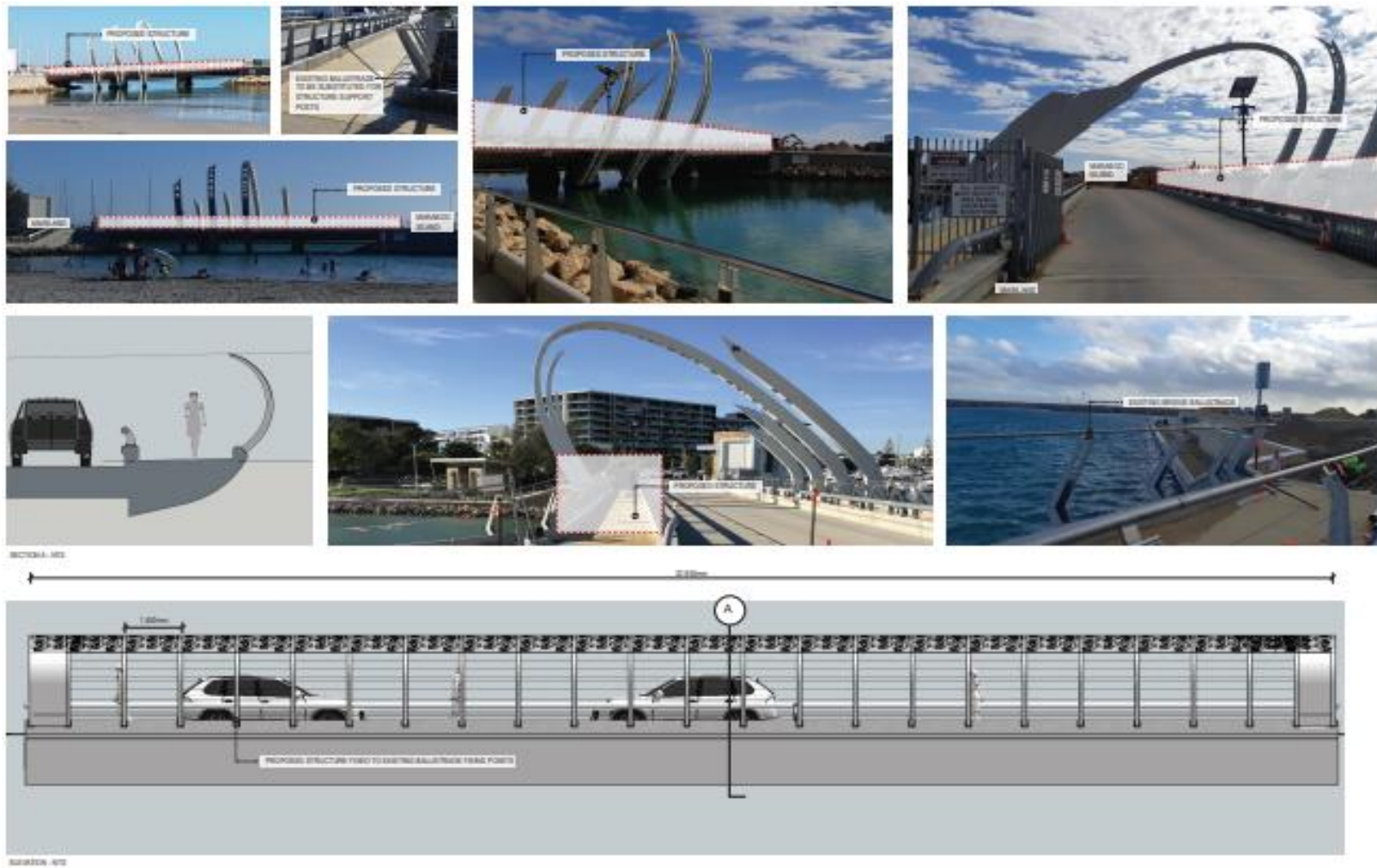
Thank you to everyone who provided feedback on artwork themes and the proposed design options. Key findings have been reviewed and will be considered in the final design process.

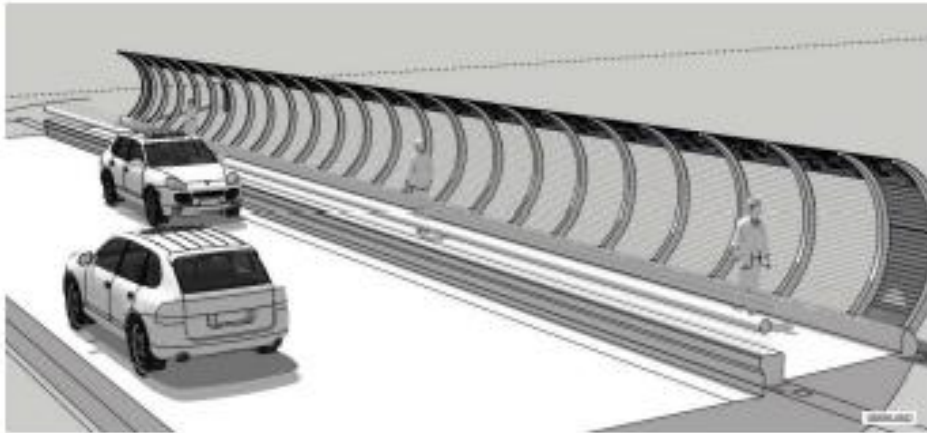
When available, project updates will be communicated via the project website comment.cockburn.wa.gov.au/ngarkalbridges.

The safety upgrades are expected to be undertaken later in the 2022-23 financial year. For further information please contact the City of Cockburn on 08 9411 3444 or customer@cockburn.wa.gov.au.

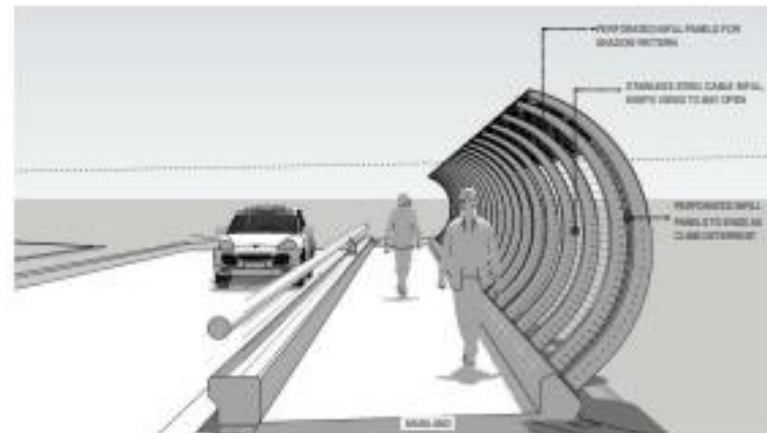
6. Appendix

Design Drawing - Option A (Open)

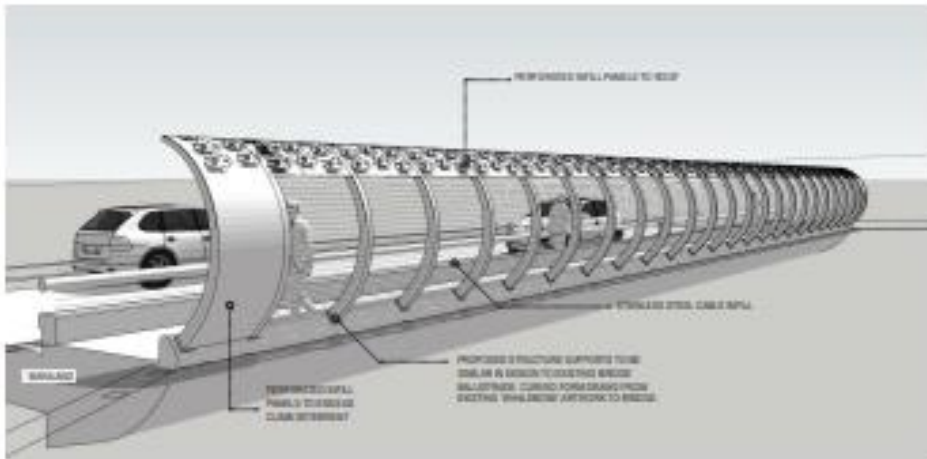




PERSPECTIVE 01



PERSPECTIVE 02

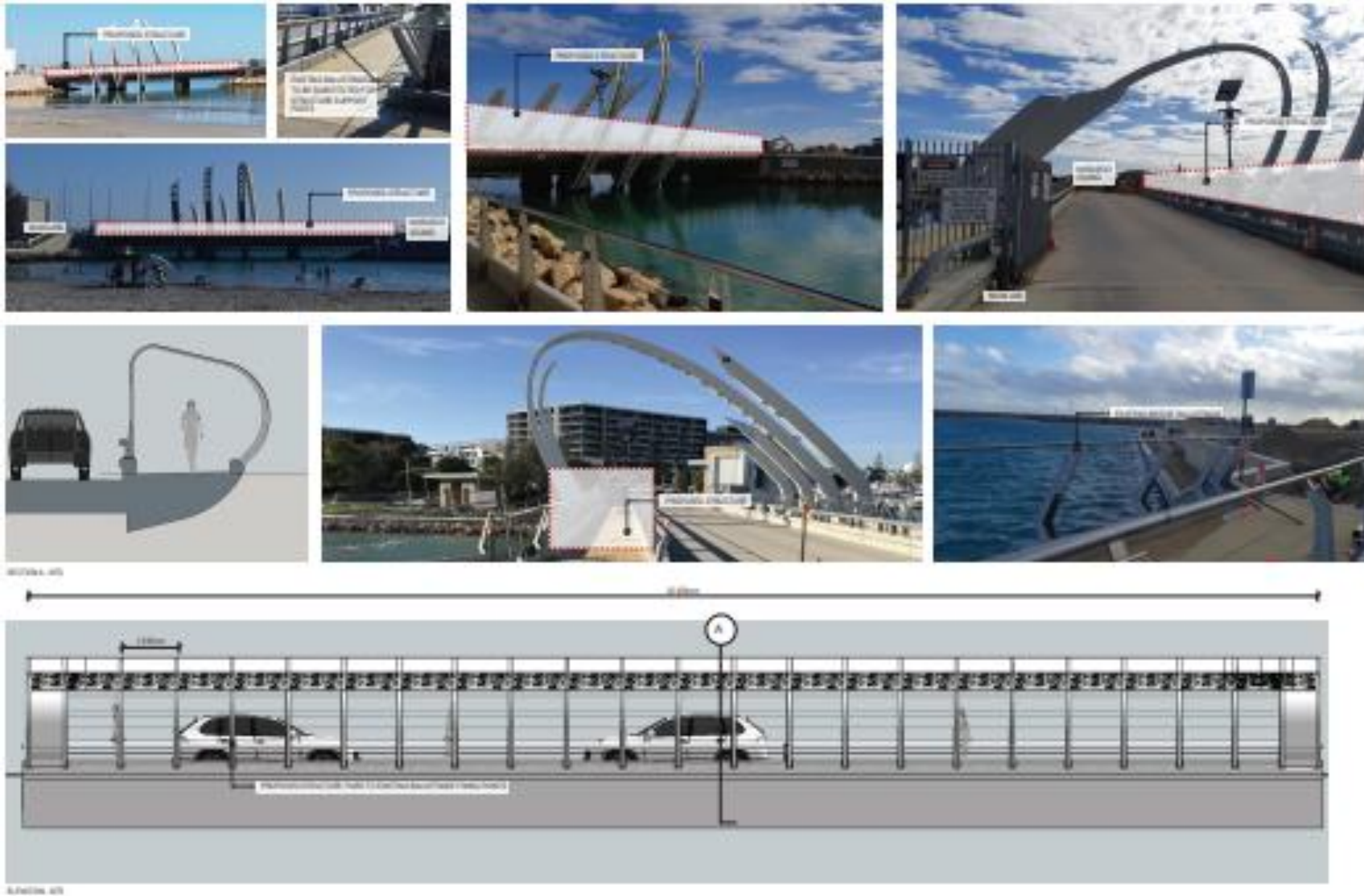


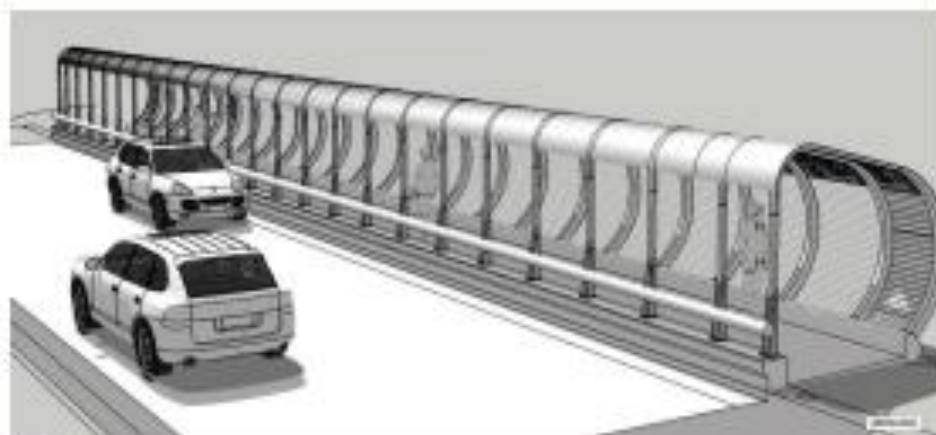
PERSPECTIVE 03



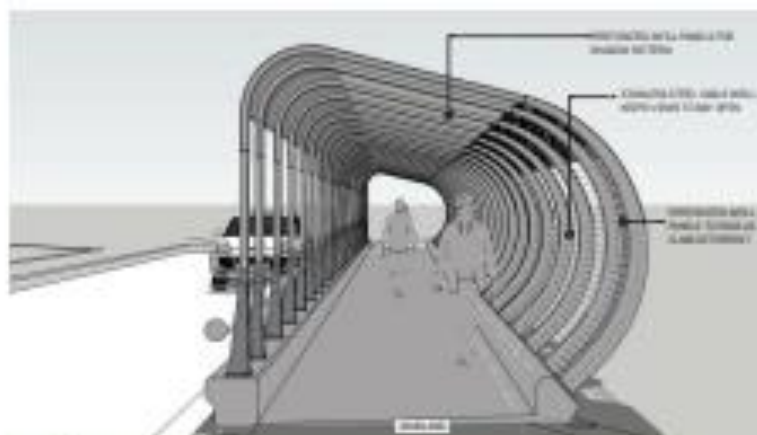
PERSPECTIVE 04

Design Drawing - Option B (Open)

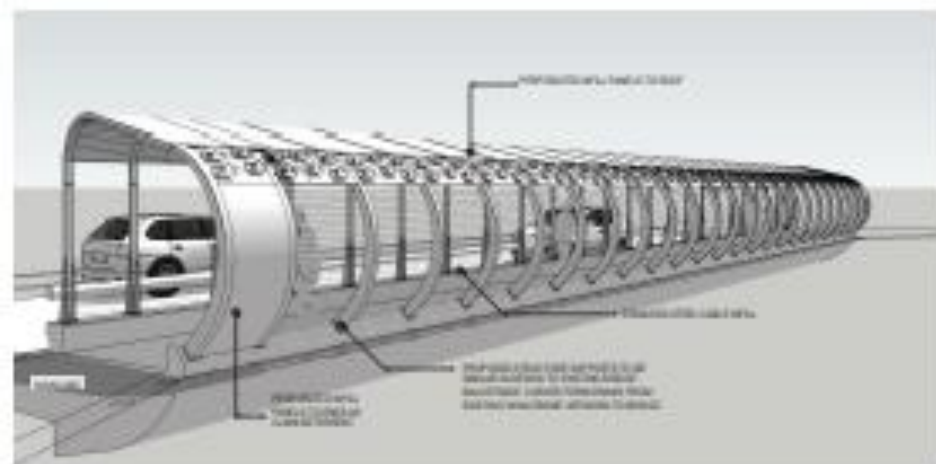




PROSPETTO 3 (dal N)



PROSPETTO 3 (dal S)



PROSPETTO 3 (dal S)



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