

POWER POINTS

**CITY COUNCIL
MEETING**

DECEMBER 5, 2023

City Council Regular Meeting December 5, 2023



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Pledge of Allegiance



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City Council Meeting December 5, 2023

Presentation



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Salton Sea Management Program

Miguel Hernández, Public Affairs Officer, CNRA



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Presentation Overview

- What is the Salton Sea Management Program (SSMP)?
- SSMP Projects
- Projects in Planning Phases

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What is the Salton Sea Management Program (SSMP)?

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SSMP Team



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Salton Sea Challenges

- Dust from exposed lakebed may affect air quality and public health for surrounding communities.
- Increased salinity in the waters of the Sea is unable to sustain many forms of aquatic life.
- Habitat values are being lost, including for several bird species on the Pacific Flyway.
- Drought and water availability

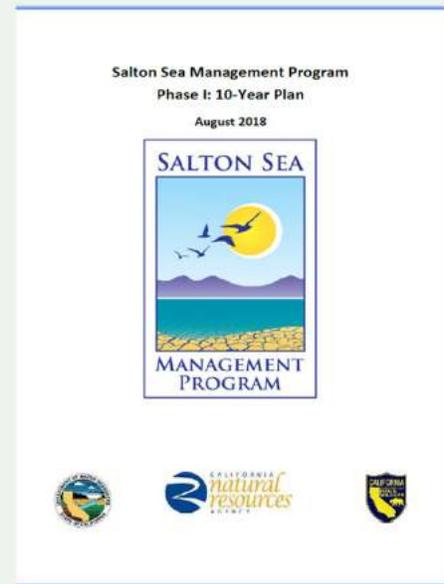


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SSMP Phase I: 10-year plan

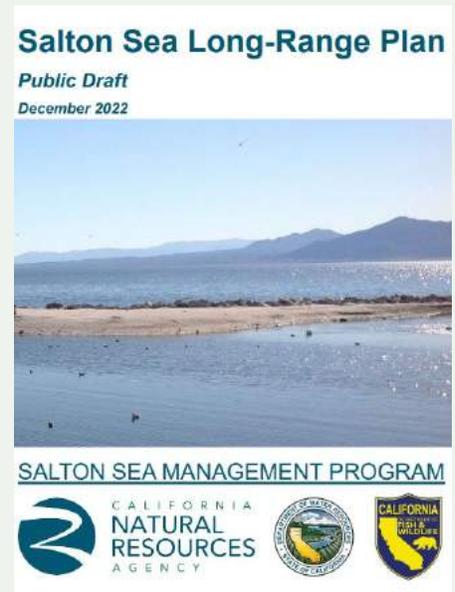
Phase 1: 2018 – 2028

10-Year Plan aims to improve conditions around the Sea by constructing 30,000 acres of projects to reduce wind-blown dust from exposed lakebed and create habitat for fish and birds.

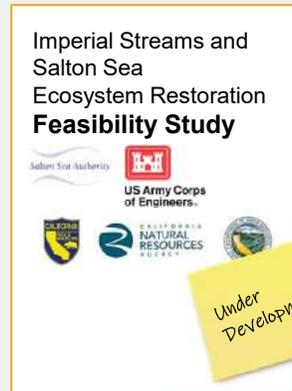


Salton Sea Long-Range Plan

- The Salton Sea Management Program prepared this draft Long-Range Plan (LRP or Plan) to comply with State Water Board Revised Order WR 2002-0013.
- SSMP's Phase 1: 10-Year Plan is addressing challenges happening now through 2028. The Phase 2: Long-Range Plan is intended to address challenges beyond 2028.



Imperial Streams Salton Sea Feasibility Study



Draft LRP informs the development of a Feasibility Study - (Environmental Review)

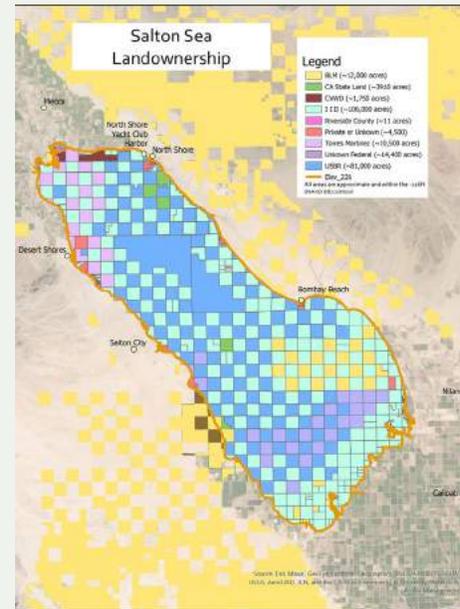


SSMP Projects



Land Access Remains an Important Driver of Project Timelines

- Collaboration with landowners is critical to land access.
- Lack of state-owned lands and the checkerboard land ownership creates some challenges
- Securing land access agreements is a key driver affecting the planning and project delivery schedule

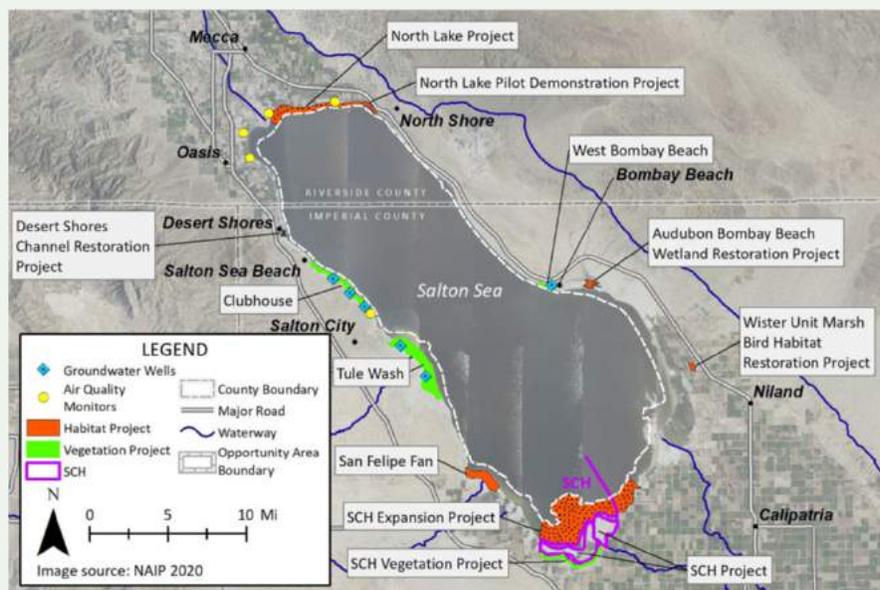


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Projects in progress at the Sea



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Species Conservation Habitat Project

(4,100 acres)

- First major habitat project of the state's 10-Year Plan.
- Improve air quality and provide critical habitat for birds and fish at the Salton Sea.
- Reduces dust emissions by covering exposed lakebed with water.



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Species Conservation Habitat Project

(4,100 acres)



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Species Conservation Habitat Project

(4,100 acres)



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Vegetation Enhancement Projects

The goal of these projects is to suppress dust in exposed lakebed areas around the Salton Sea through native vegetation establishment and enhancement of existing vegetation stands.

Projects total \approx 1,700 acres

- Clubhouse 400 acres
- Tule Wash 1,215 acres
- West Bombay Beach 90 acres



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Vegetation Enhancement Project Concept



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Vegetation Enhancement Projects



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Vegetation Enhancement Projects



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Collaborative Projects with SSMP Support

- **Audubon Bombay Beach Wetland Enhancement Project**
(832 acres of aquatic)
- **North Lake Pilot Demonstration Project**
(≈ 160 acres of aquatic)
- **Desert Shores Channel Restoration Project**
(≈ 30 acres of aquatic)

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Projects in Planning Phases

- **SCH Expansion Project**
(≈ 3,000-5,000 acres of aquatic)
- **North Lake Project – Full Lake**
(≈ 1,615 acres of aquatic)
- **San Felipe Fan Project** (660 acres of vegetation)
- **Wister Unit Marsh Bird Habitat Restoration Project**
(≈ 150 acres of aquatic)
- **SCH Vegetation Project**
(≈ 600 acres of vegetation)

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Thank You!

Learn more about multiple engagement opportunities and sign-up for updates at:

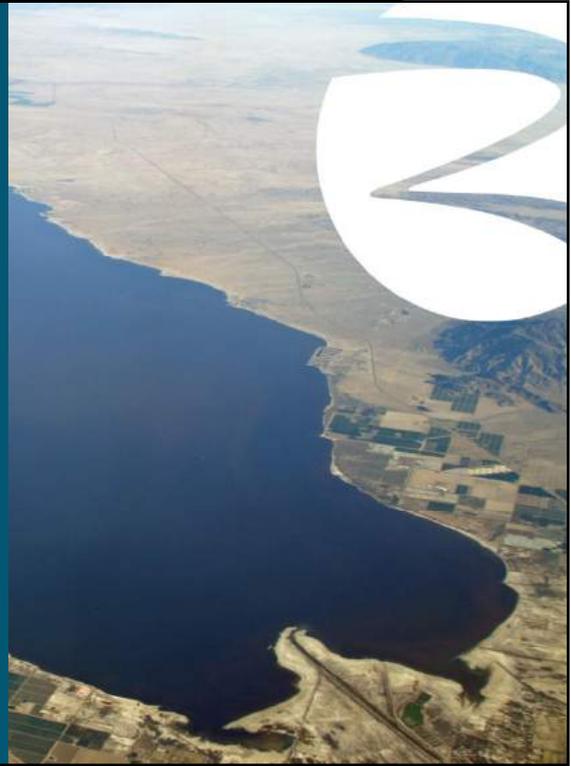


www.saltonseaca.gov



Email the SSMP team at:

cnrasaltonseaca@resources.ca.gov



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**City Council Meeting
December 5, 2023**

**B1 – Financial Advisory Commission
Interviews**



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**City Council Meeting
December 5, 2023**

**S1 – Avenue 50 Bridge Project Construction
Staging Alternatives 2019-02**



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Avenue 50 Bridge Project 2019-02



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Avenue 50 Bridge Project Background

- Project will replace existing low-water crossing spanning La Quinta Evacuation Channel at Avenue 50 with all-weather access bridge
- City received Caltrans funding authorization to begin preliminary engineering
- Contract negotiations underway with engineering firm

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Construction Staging Alternatives

1. Staged Construction:

Completing the Project in two stages, maintaining traffic operations throughout

2. Full Roadway Closure (Detour):

Completing the Project in one stage, closing Avenue 50 during construction

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Alternative 1 : Staged Construction

Stage 1:

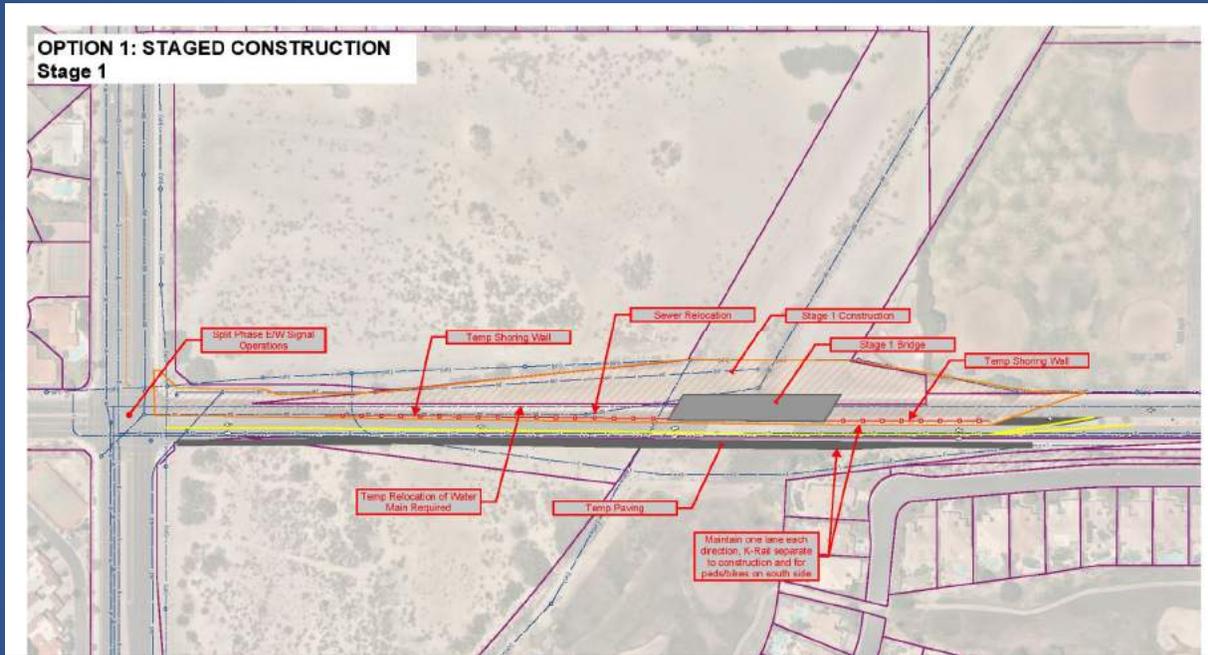
- Build the north half of roadway and bridge
- Temporary retaining wall required to separate new construction from existing roadway in use
- One lane traffic maintained in each direction and room for pedestrians/bikes
- Temporary paving required

Stage 2:

- Traffic and pedestrians/bikes would be moved onto new roadway and bridge on north half
- South half of the roadway and bridge constructed

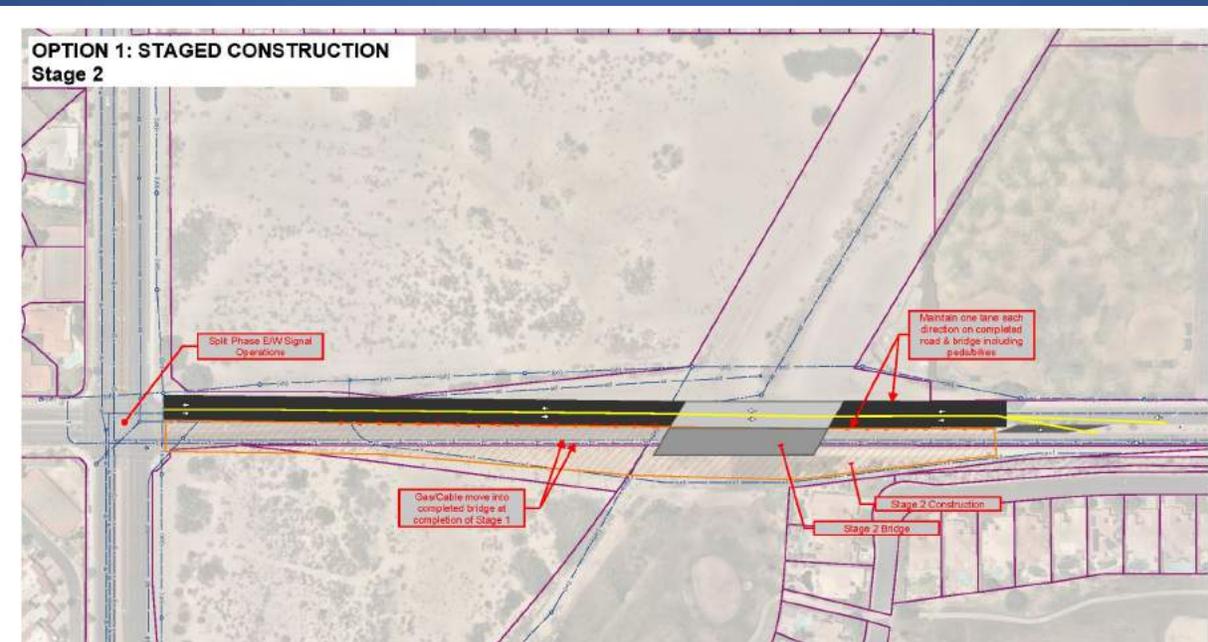
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Staged Construction: STAGE 1



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Staged Construction: STAGE 2



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Alternative 1 : Staged Construction

Traffic Operation:

- One lane of traffic maintained in each direction
- A paved (approximately 6 ft. wide) pedestrian/bike route provided on south side of Avenue 50, separated from construction by k-rail

Utilities:

- Existing water main would require temporary relocation prior to Stage 1 construction
- Gas and cable facilities can be maintained in Stage 1 construction then moved permanently into the new bridge prior to Stage 2 commencing

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Alternative 1 : Staged Construction

Schedule:

- 20-22 month construction

Staged Construction Cost Impacts:

- Approximately \$450k for temporary retaining walls, paving and concrete closure pour
- Estimated \$200k for 8-month extended construction timeframe

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Alternative 2 : Road Closure/Detour

Construction:

- The entire project would be built in a single phase of work

Traffic Operation:

- **Local detour:** Park Avenue & Calle Tampico. Signed as local and school traffic only to avoid significant increase of traffic in residential neighborhood
- **Area-wide detour (alternative routes):** Washington Street, Avenue 48, Jefferson Street, and Avenue 52
- Robust outreach program

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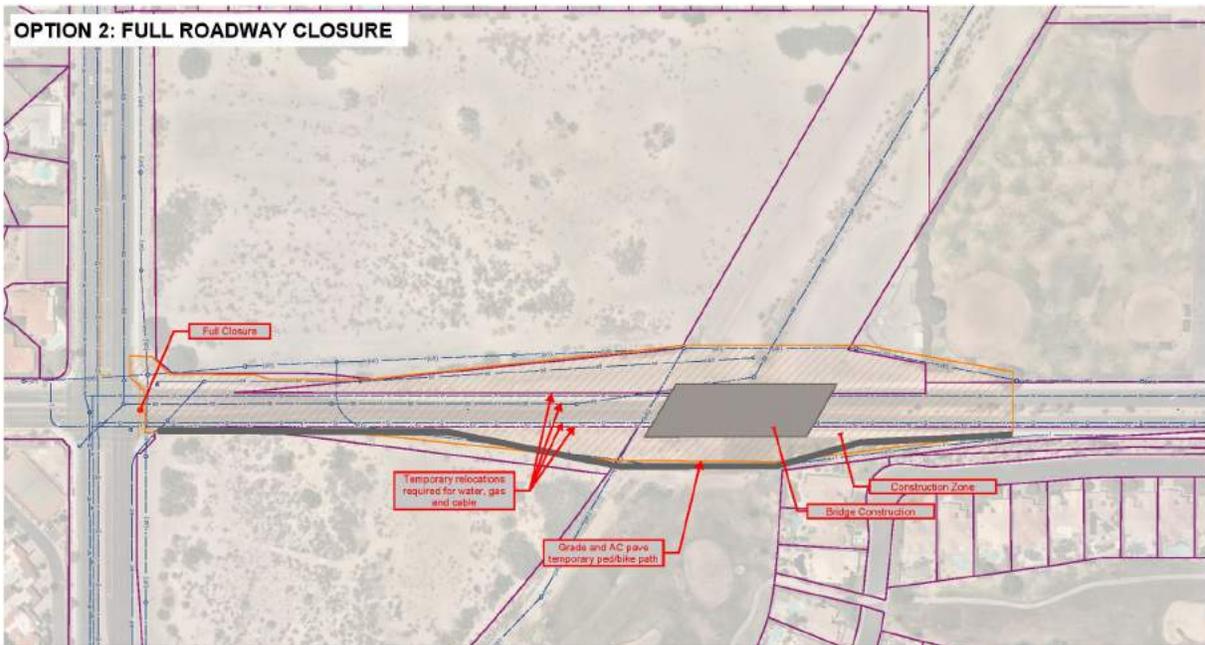
Alternative 2 : Road Closure/Detour

Temporary Pedestrian & Bicycle Access:

- Pedestrian and bicycle access provided during the closure via a 6-foot-wide asphalt paved path
- Temporary path separated from construction zone by concrete k-rail and chain link fencing
- Path proposed on south side of Avenue 50 along the construction zone, and safely clear of bridge construction
- Grading required to traverse the side slopes approaching construction site and meet acceptable grades along path
- Path would remain open until the contractor can redirect pedestrians and bicyclists onto completed roadway

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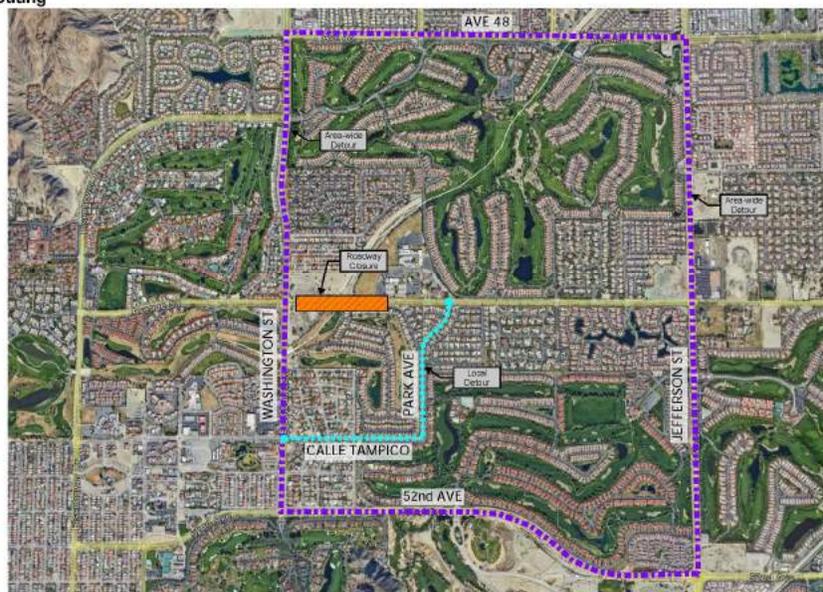
Alternative 2 : Road Closure/Detour



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Alternative 2 : Road Closure/Detour

OPTION 2: FULL ROADWAY CLOSURE
Detour Routing



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Alternative 2 : Closure/Detour

Utilities:

- Existing water, gas and cable will require temporary relocation outside of roadway footprint during construction (work completed prior to closure)
- Permanent relocation into bridge upon completion of bridge and roadway rough grading

Schedule:

- 12–14 month construction

Full Roadway Closure Cost Impacts:

- Approximately an additional \$50k for temporary pedestrian/bike paving

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Cost Breakdown

Alternative 1: \$650k

- Temporary retaining walls (\$250k)
- Temporary AC paving (\$100k)
- Bridge construction in two halves w/ closure pour (\$100k)
- Construction management – additional 8-month duration (\$120k)
- Contractor – general conditions for additional 8-month duration (\$80k)

Alternative 2: \$50K

- Temporary AC paving for ped/bike path (\$50k)

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<p><u>Staged Construction Pros:</u></p> <ul style="list-style-type: none"> • Maintains access in similar condition as existing condition • Minimizes potential impact to school pick-up & drop-off operation 	<p><u>Full Road Closure/Detour Pros:</u></p> <ul style="list-style-type: none"> • Reduces construction duration and disruption to the community by approximately 8 months • Reduces project costs by approximately \$600,000 by eliminating temporary construction items and reduced construction duration
<p><u>Staged Construction Cons:</u></p> <ul style="list-style-type: none"> • Longer construction duration extends disruption to the community • Throwaway costs related to temporary construction items such as retaining wall and asphalt paving to maintain traffic 	<p><u>Full Road Closure/Detour Cons:</u></p> <ul style="list-style-type: none"> • Traffic detour required for duration of construction • Potential impact to school pick-up & drop-off operation

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Questions?



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OPEN HOUSE IN PROGRESS

THE MAYOR AND CITY COUNCIL INVITE
YOU TO AN

**OPEN HOUSE
MEET & GREET**

DECEMBER 5 | 5:00 PM

LA QUINTA CITY HALL
78495 CALLE TAMPICO

La Quinta

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