

ALTERNATIVE B - Construction Staging

SAN FRANCISCO BAY



EXISTING TIDE GATE STRUCTURE

PALO ALTO FLOOD BASIN

ALTERNATIVE B - STAGE 1 AND STAGE 2

EXISTING STRUCTURE WILL REMAIN IN USE
DURING STAGE 1 AND STAGE 2 CONSTRUCTION

STAGE 2:
- CONSTRUCT FIRST HALF OF SUPERSTRUCTURE
- CONSTRUCT OUTLET CHANNEL
- CONSTRUCT NEW LEVEE

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STAGE 1:
- INSTALL DEWATERING SYSTEM B-1
- LEVEE EXCAVATION
- CONSTRUCT FIRST HALF OF PILE FOUNDATION

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ALTERNATIVE B - STAGE 3 AND STAGE 4

STAGE 4:

- REMOVE EXISTING STRUCTURE
- CONSTRUCT SECOND HALF OF SUPERSTRUCTURE
- CONSTRUCT GROUND IMPROVEMENTS

STAGE 3:

- REMOVE DEWATERING SYSTEM B-1
- OPEN FIRST HALF OF NEW STRUCTURE AND OUTLET CHANNEL
- CONSTRUCT DEWATERING SYSTEM B-2 FOR NEW AREA
- CONSTRUCT SECOND HALF OF PILE FOUNDATION

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ALTERNATIVE B - STAGE 5

STAGE 5:
- CONSTRUCT LEVEE
- REMOVE DEWATERING SYSTEM B-2

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