

CENTRAL MARIN FERRY CONNECTION

MULTI-USE PATHWAY PROJECT



San Francisco Bay Conservation and Development Commission Design Review Board

October 8, 2012

PROVIDED BY:

**BIGGS CARDOSA
ASSOCIATES INC**
STRUCTURAL ENGINEERS



WITH THE FOLLOWING CONSULTANTS:



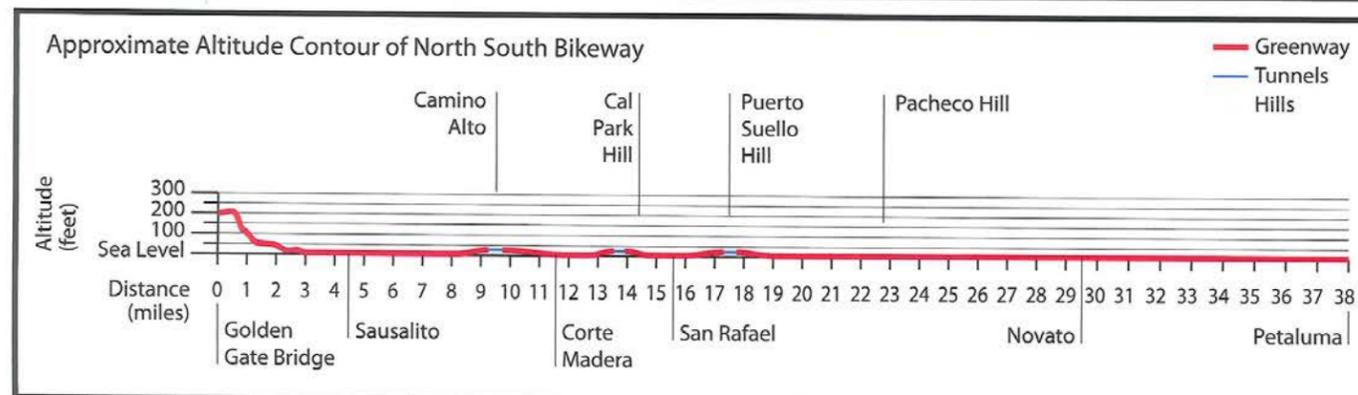
FEHR & PEERS

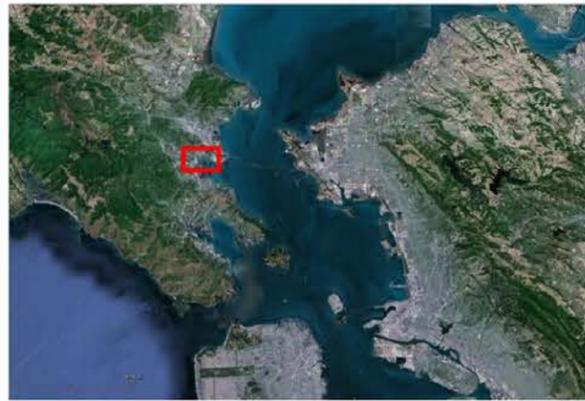


MARIN COUNTY PEDESTRIAN & BICYCLE PRIMARY NETWORK
CENTRAL MARIN FERRY CONNECTION
MULTI-USE PATHWAY PROJECT



PROJECT SITE



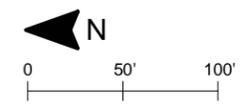
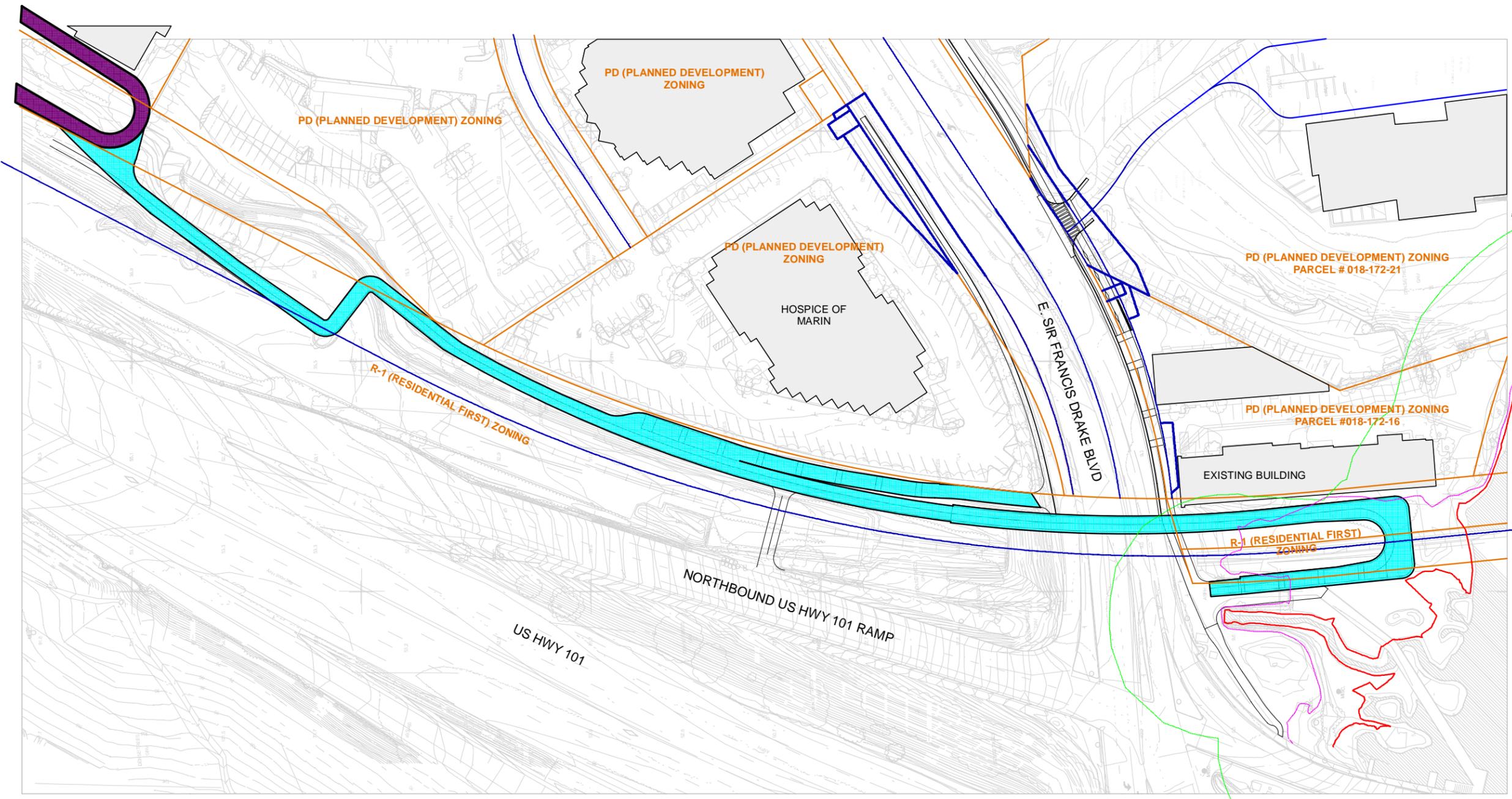


REGIONAL MAP

-  EXISTING PATHWAY
-  PROPOSED PATHWAY / PROJECT EXTENT
-  BAY TRAIL ROUTE
-  BAY PATH



LOCAL VICINITY MAP - LARKSPUR, CA



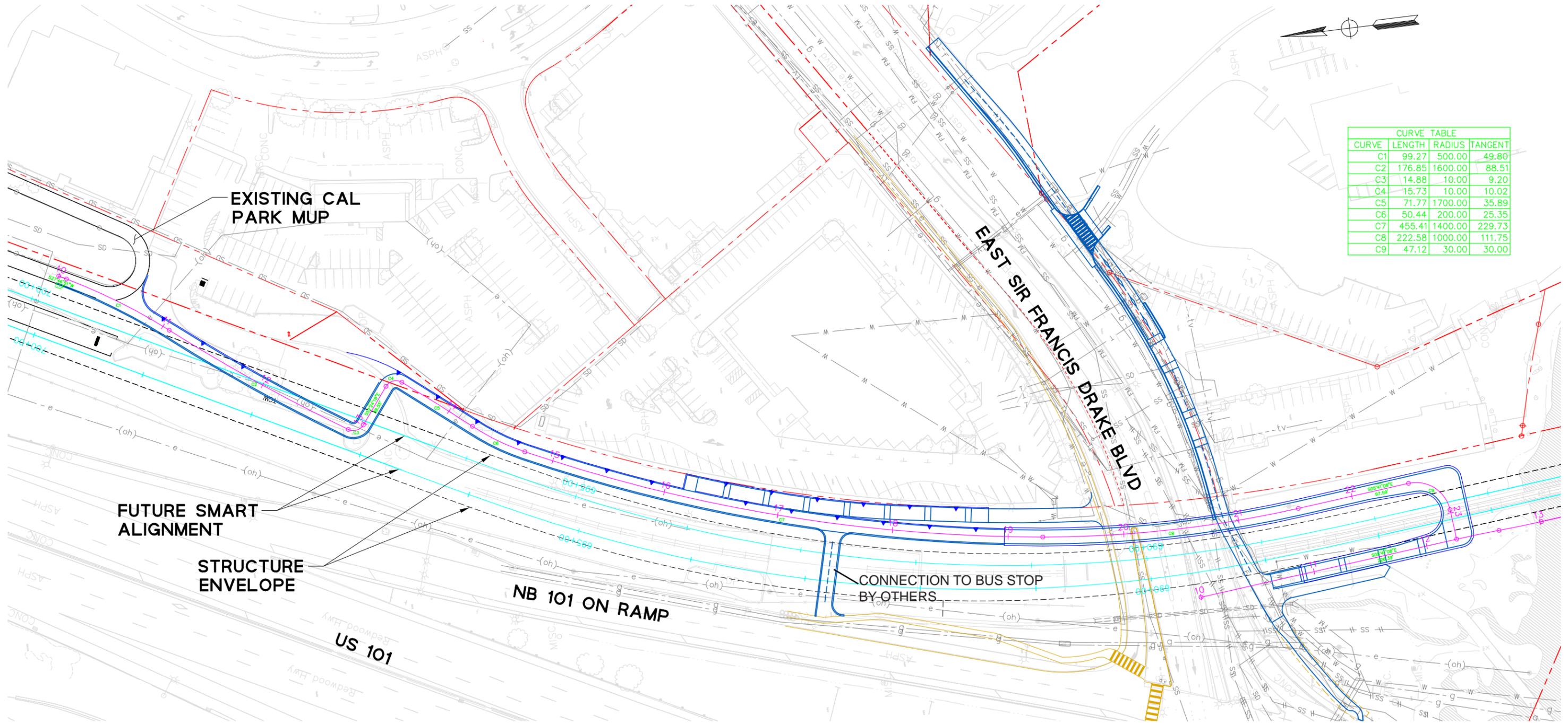
100 FOOT SHORELINE BAND
 TOP OF BANK
 SHORELINE

** THE SHORELINE BAND WAS DETERMINED BASED ON NOAA TIDES AND CURRENT INFORMATION FOR THE CORTE MADERA CREEK STATION. THE PROJECT SITE IS LOCATED WITHIN A MARSH; THEREFORE, THE SHORELINE WAS DETERMINED BY ADDING FIVE FEET TO MEAN SEA LEVEL.

- EXISTING BUILDINGS
- CMFC PROPOSED PATHWAY AND PEDESTRIAN BRIDGE
- EXISTING CAL PARK MUP
- 100 FOOT SHORELINE BAND
- SHORELINE
- TOP OF BANK
- PARCEL LINES
- EASEMENTS



WEST ELEVATION OF PEDESTRIAN OVERCROSSING



CURVE TABLE			
CURVE	LENGTH	RADIUS	TANGENT
C1	99.27	500.00	49.80
C2	176.85	1600.00	88.51
C3	14.88	10.00	9.20
C4	15.73	10.00	10.02
C5	71.77	1700.00	35.89
C6	50.44	200.00	25.35
C7	455.41	1400.00	229.73
C8	222.58	1000.00	111.75
C9	47.12	30.00	30.00

EXISTING CAL
PARK MUP

EAST SIR FRANCIS
DRAKE BLVD

FUTURE SMART
ALIGNMENT

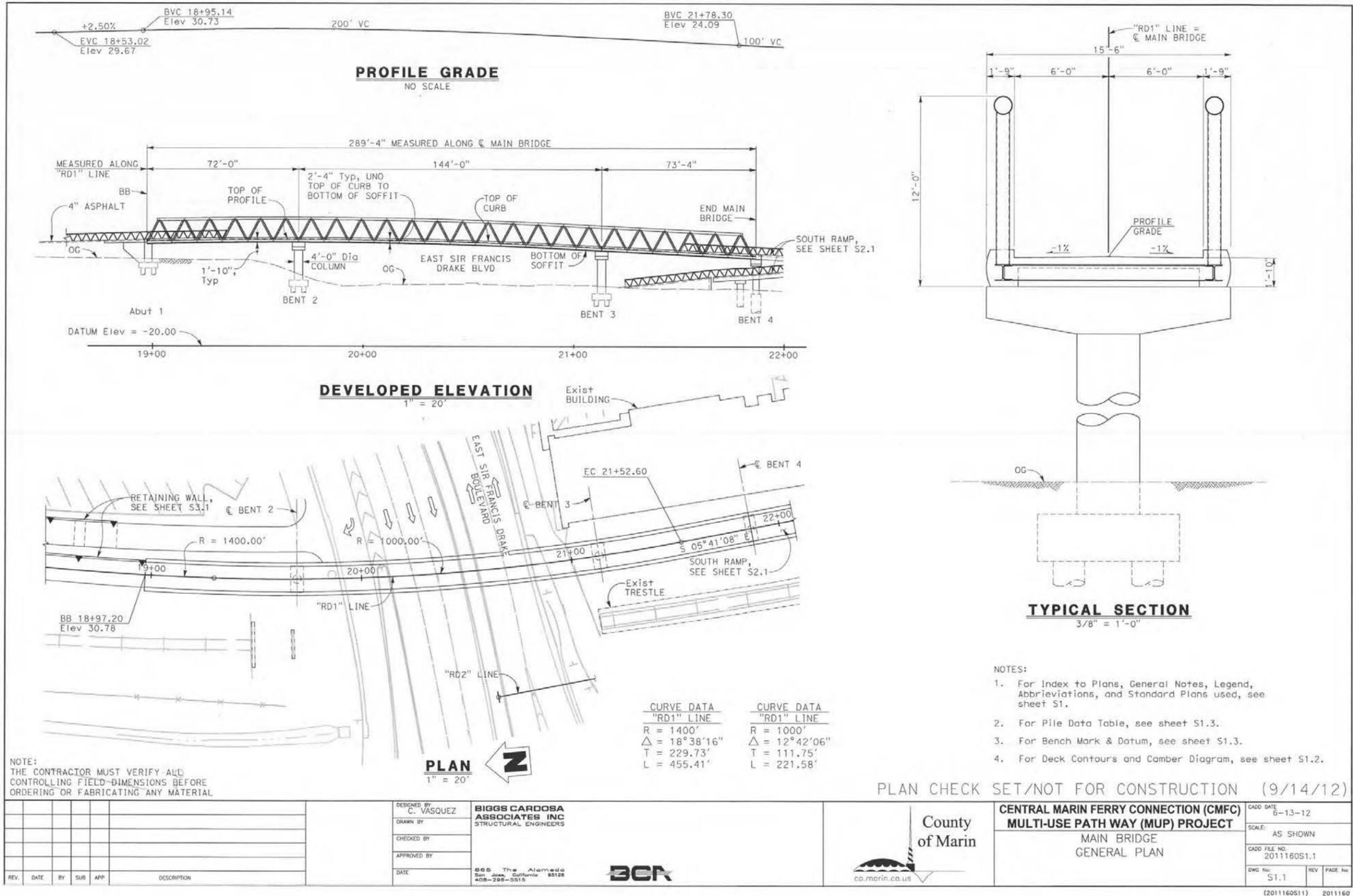
STRUCTURE
ENVELOPE

NB 101 ON RAMP

CONNECTION TO BUS STOP
BY OTHERS

US 101





REV.	DATE	BY	SUB	APP	DESCRIPTION

DESIGNED BY
C. VASQUEZ

DRAWN BY

CHECKED BY

APPROVED BY

DATE

BIGGS CARDOSA ASSOCIATES INC
STRUCTURAL ENGINEERS

865 The Alameda
San Jose, California 95126
408-288-5515

BCR



CENTRAL MARIN FERRY CONNECTION (CMFC)
MULTI-USE PATHWAY (MUP) PROJECT

MAIN BRIDGE
GENERAL PLAN

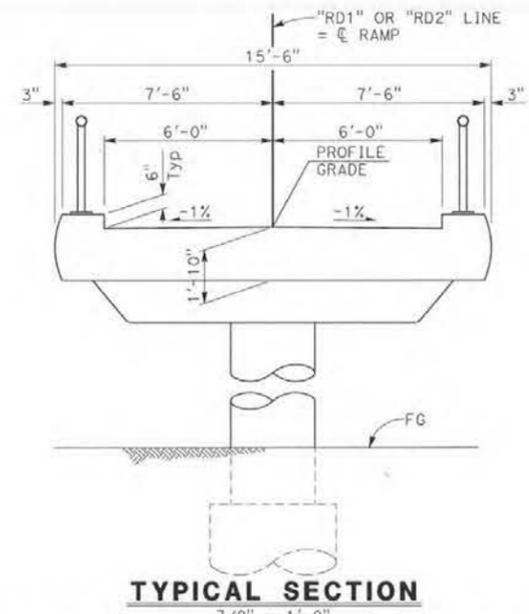
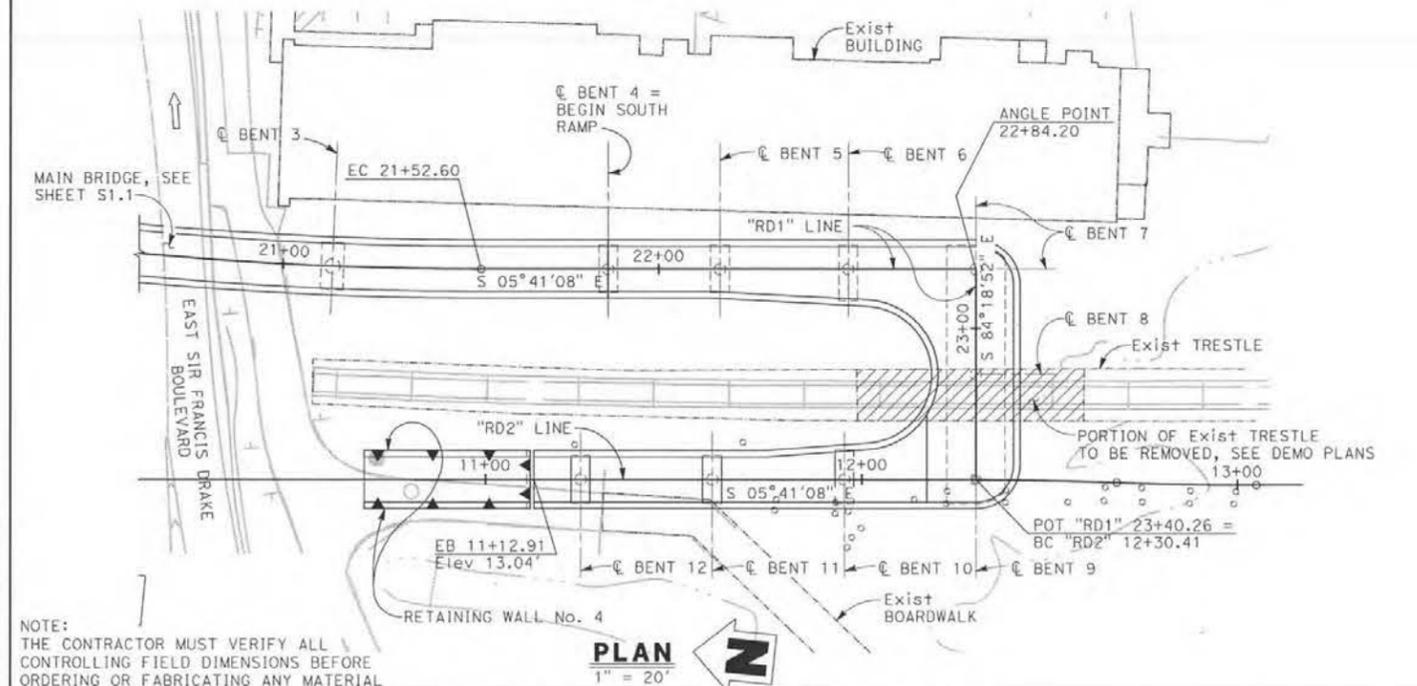
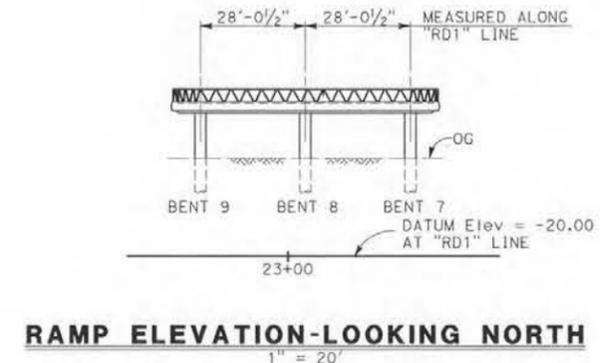
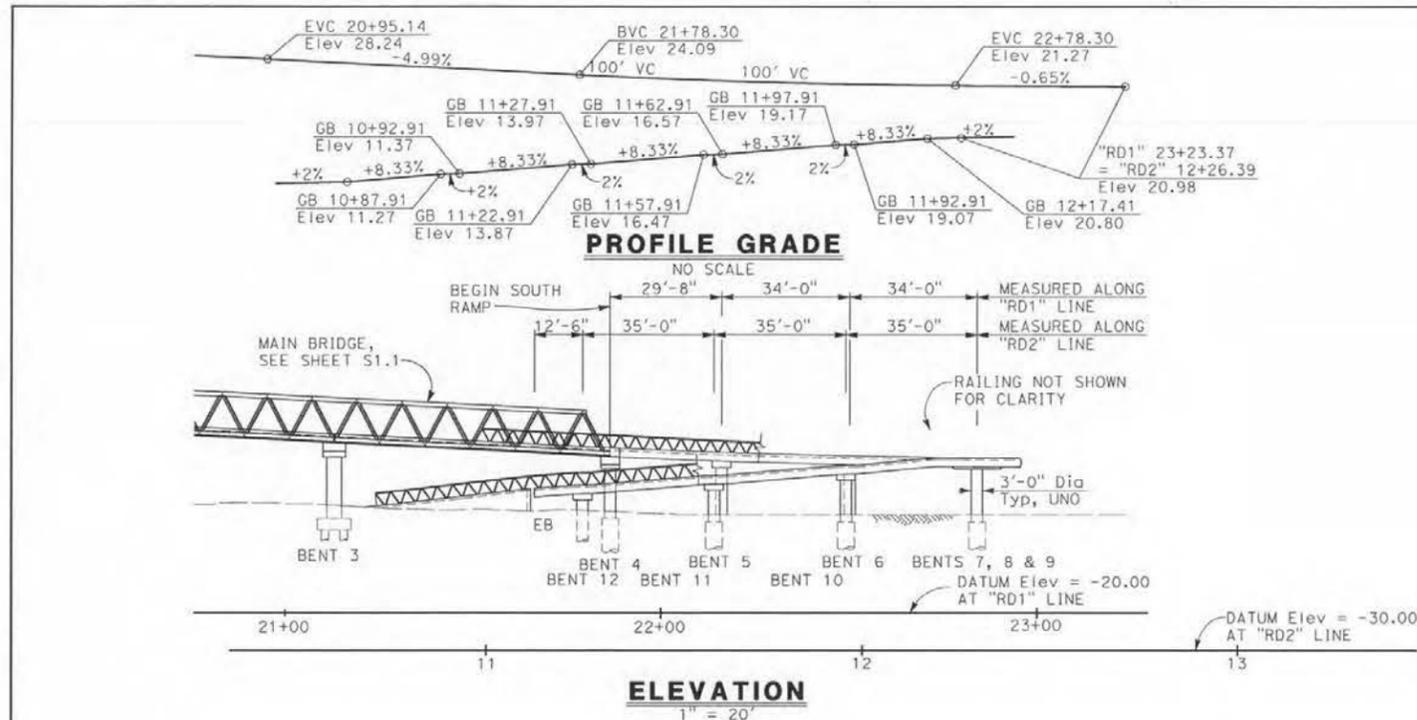
CADD DATE	6-13-12
SCALE	AS SHOWN
CADD FILE NO.	2011160S1.1
DWG No.	S1.1
REV	PAGE No



MAIN BRIDGE GENERAL PLAN

CENTRAL MARIN FERRY CONNECTION

MULTI-USE PATHWAY PROJECT



NOTE:
THE CONTRACTOR MUST VERIFY ALL
CONTROLLING FIELD DIMENSIONS BEFORE
ORDERING OR FABRICATING ANY MATERIAL

PLAN CHECK SET/NOT FOR CONSTRUCTION (9/14/12)

DESIGNED BY C. VASQUEZ DRAWN BY CHECKED BY APPROVED BY DATE				BIGGS CARDOSA ASSOCIATES INC STRUCTURAL ENGINEERS 865 The Alameda San Jose, California 95126 408-298-5510		County of Marin 		CENTRAL MARIN FERRY CONNECTION (CMFC) MULTI-USE PATHWAY (MUP) PROJECT SOUTH RAMP GENERAL PLAN		CADD DATE 6-13-12 SCALE AS SHOWN CADD FILE NO. 201116052.1 DWG No. S2.1 REV PAGE No (2011160521) 2011160	
REV.	DATE	BY	SUB	APP	DESCRIPTION						



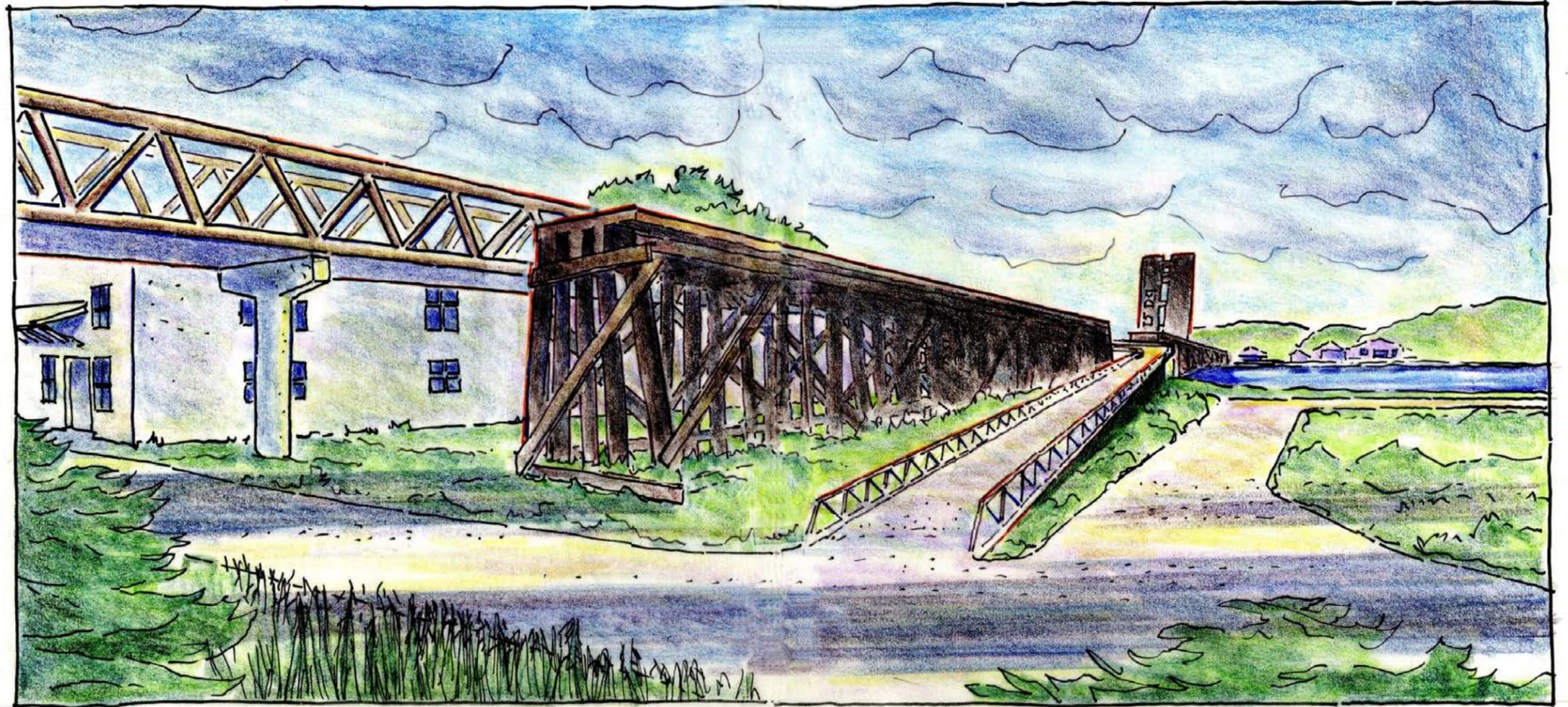
SOUTH RAMP GENERAL PLAN
CENTRAL MARIN FERRY CONNECTION
 MULTI-USE PATHWAY PROJECT



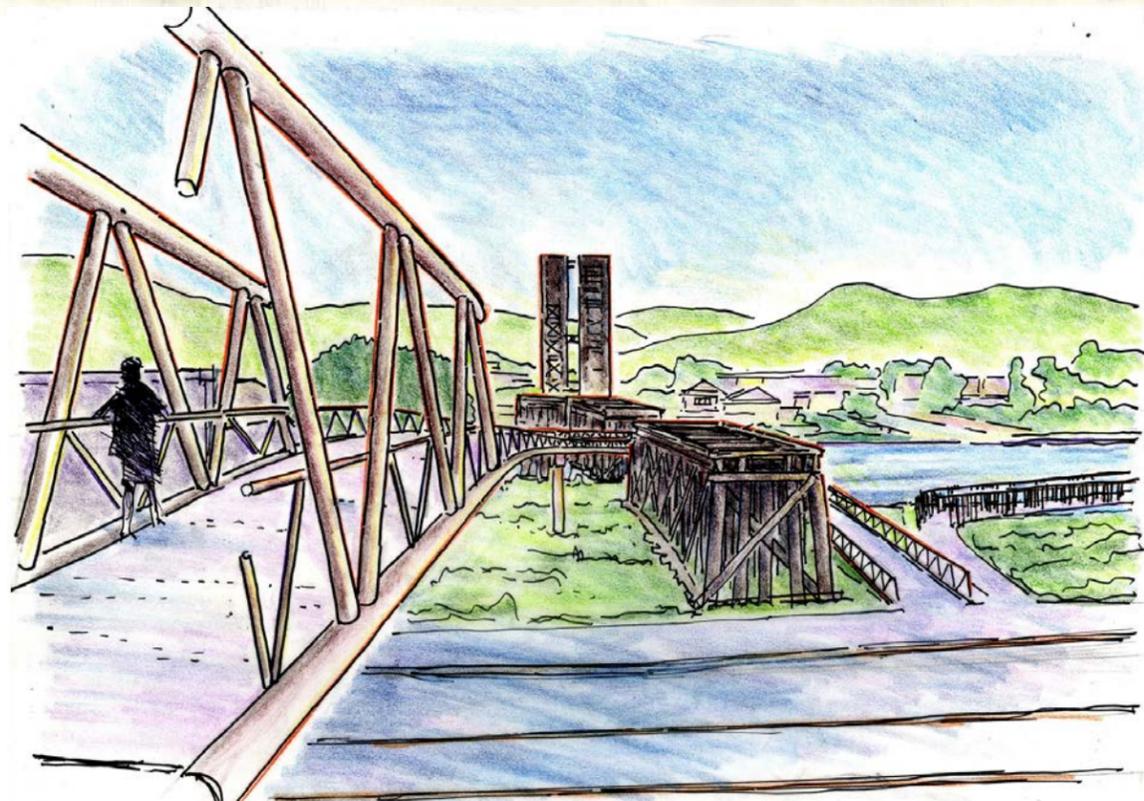
VIEW CORRIDOR KEY MAP



VIEW 1: VIEW TOWARDS MT. TAM (ABOVE)



VIEW 2: VIEW FROM EAST SIR FRANCIS
DRAKE BLVD TOWARDS SALT MARSH



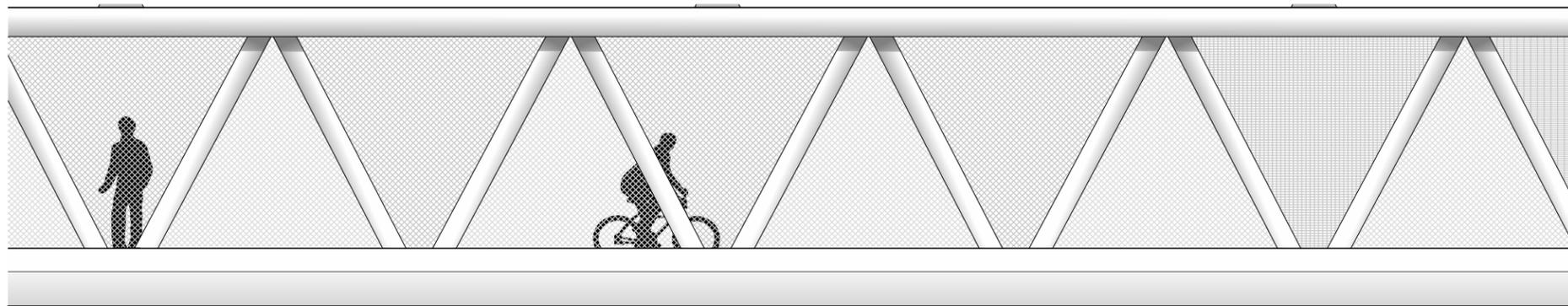
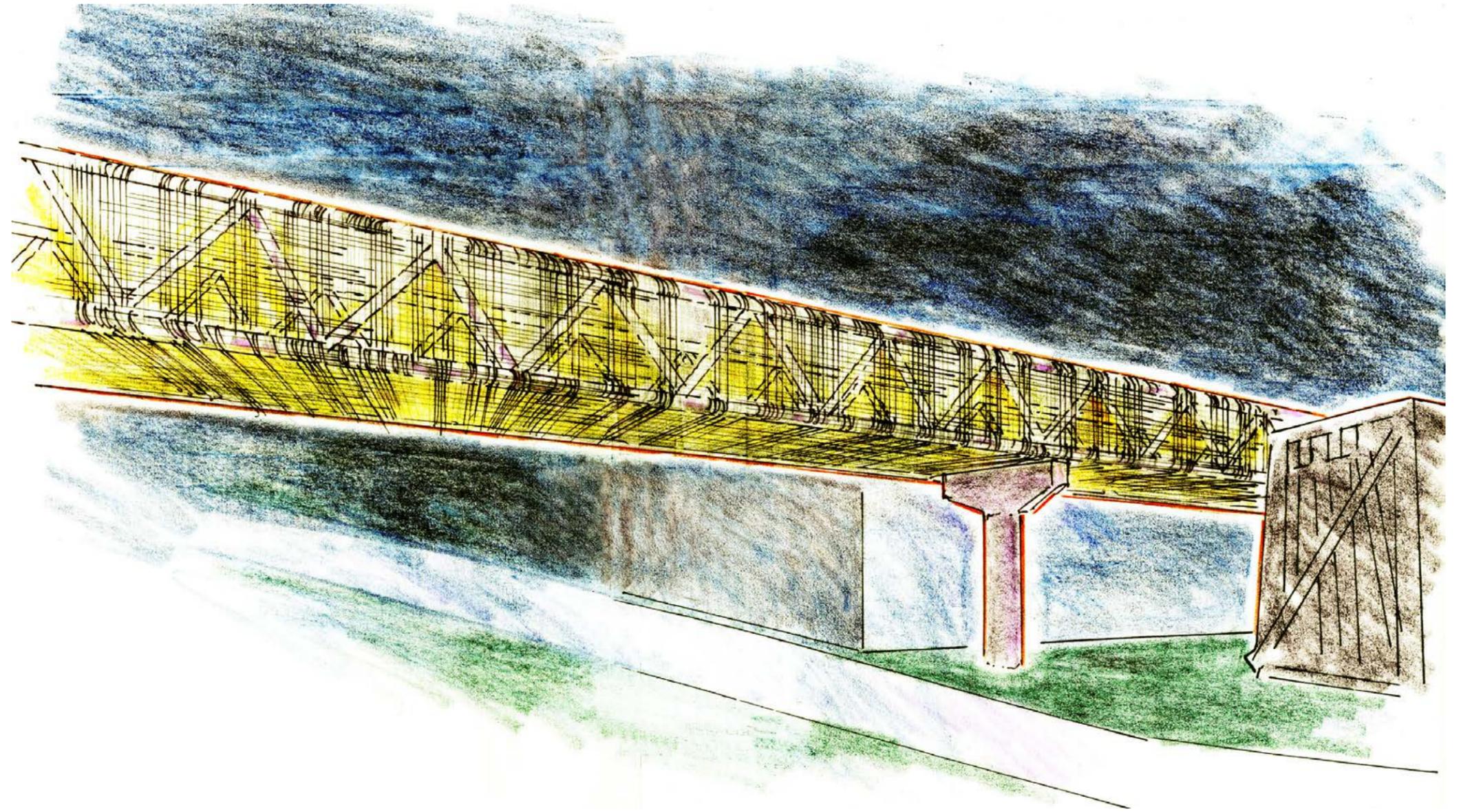
VIEW 3: VIEW FROM BRIDGE
TOWARDS SALT MARSH

LARKSPUR FERRY
TERMINAL (RIGHT)

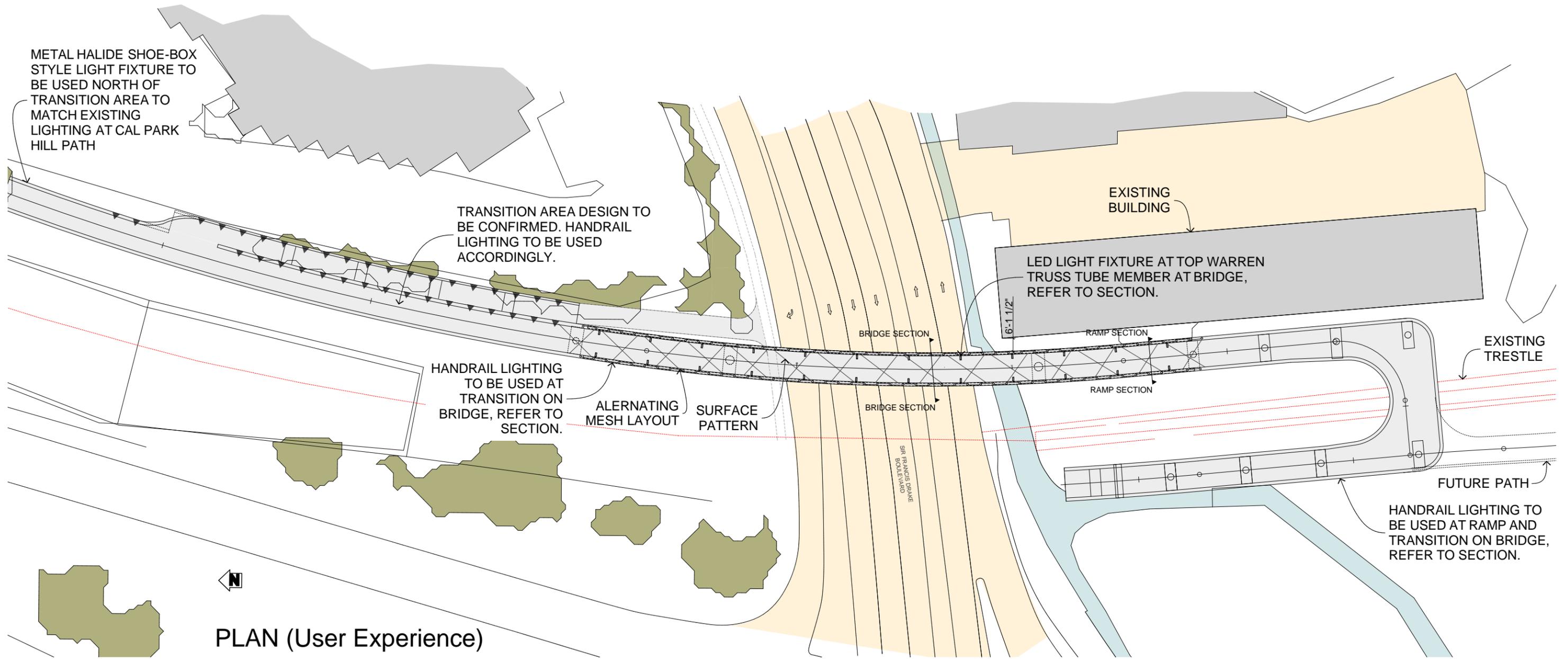
WARREN TRUSS
DESIGN CONCEPT
(BELOW)



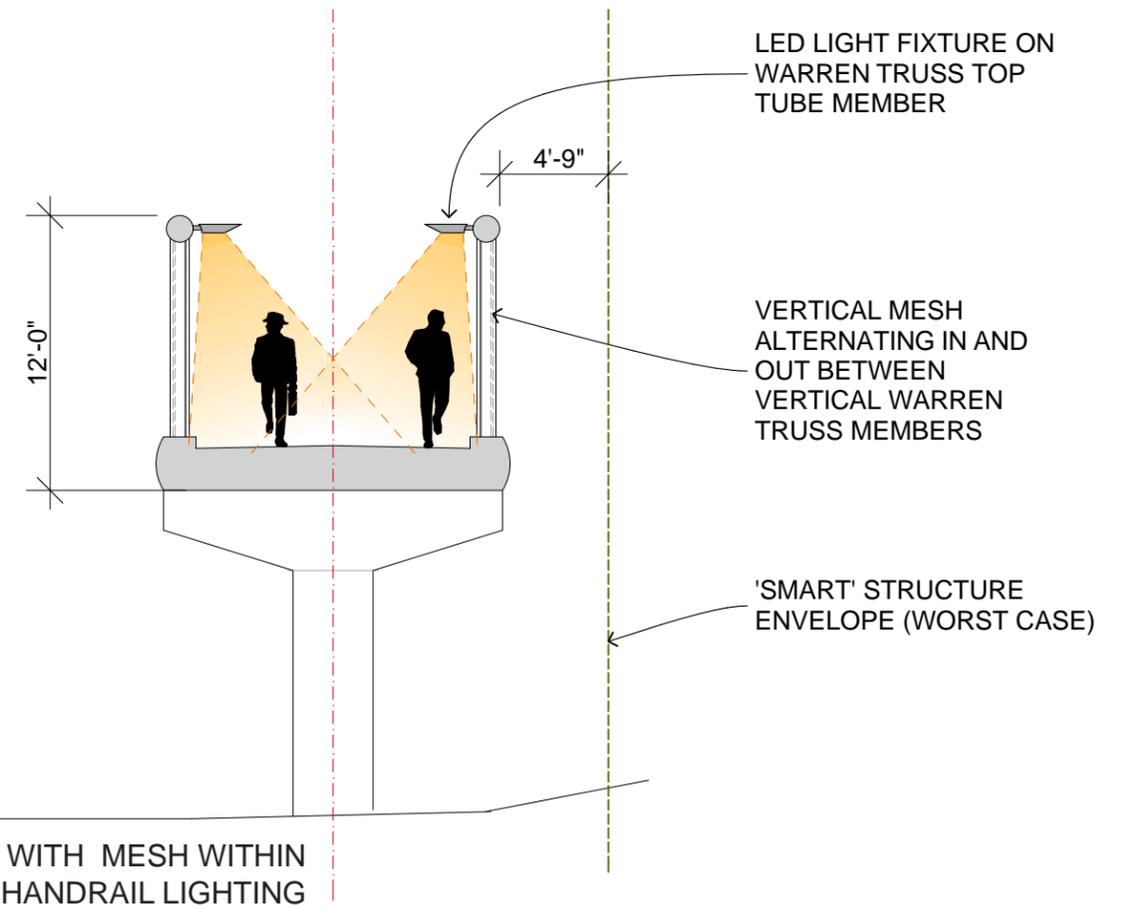
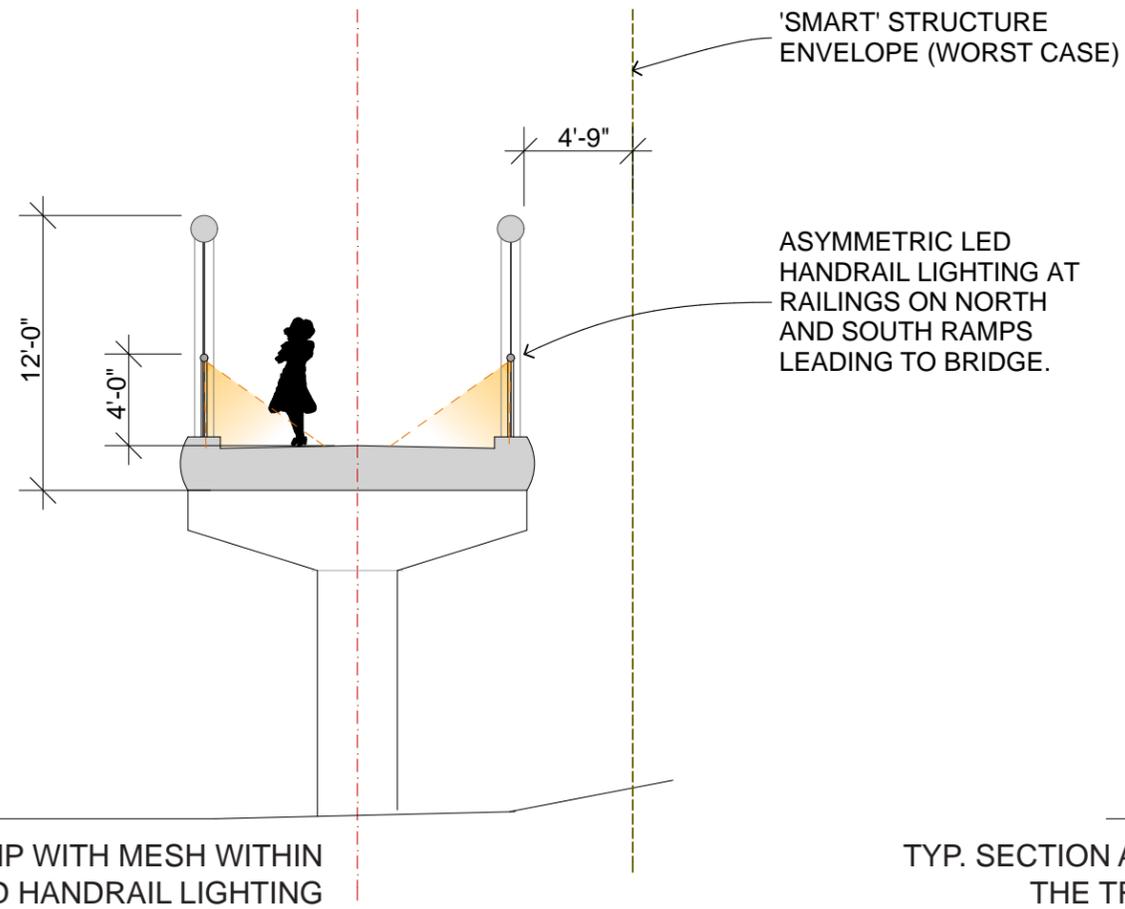
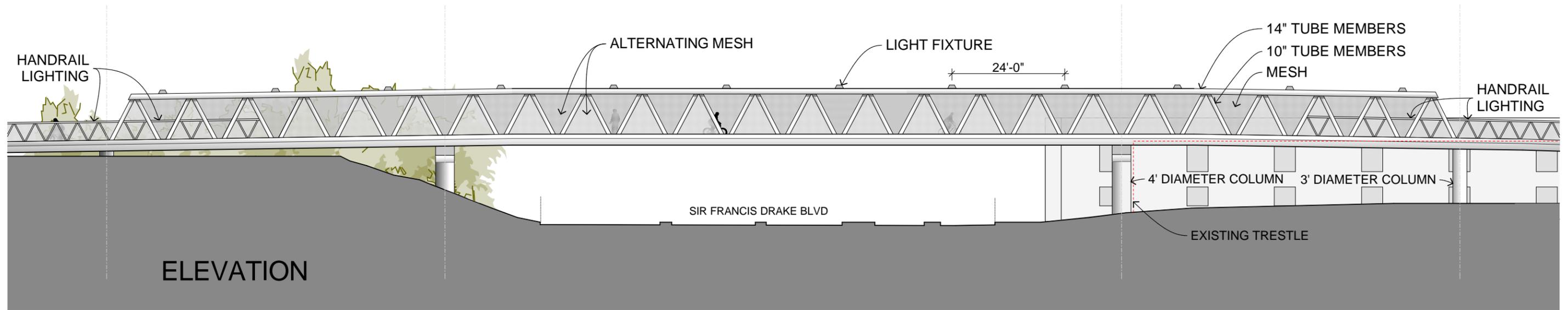
OPTION 1 - RENDER OF MESH WRAPPED AROUND THE BRIDGE AT NIGHT

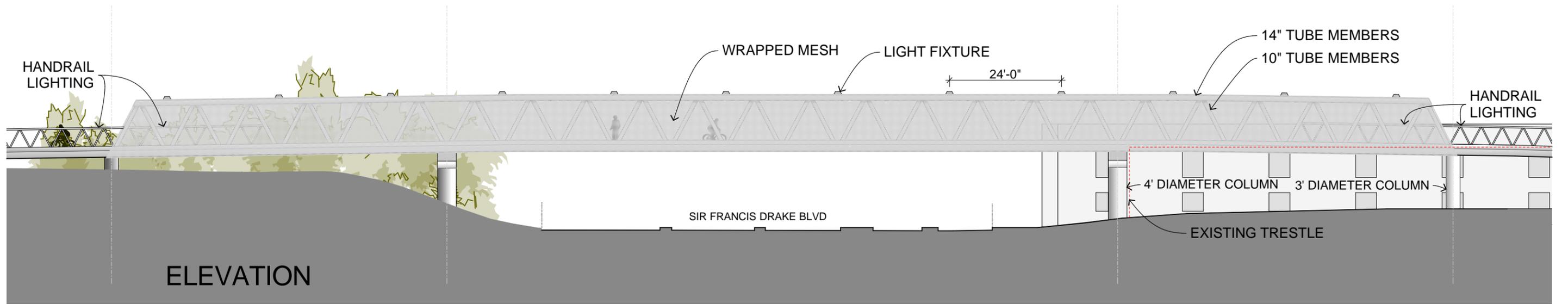


OPTION 2 - MESH WITHIN TRUSS MEMBERS



PLAN (User Experience)



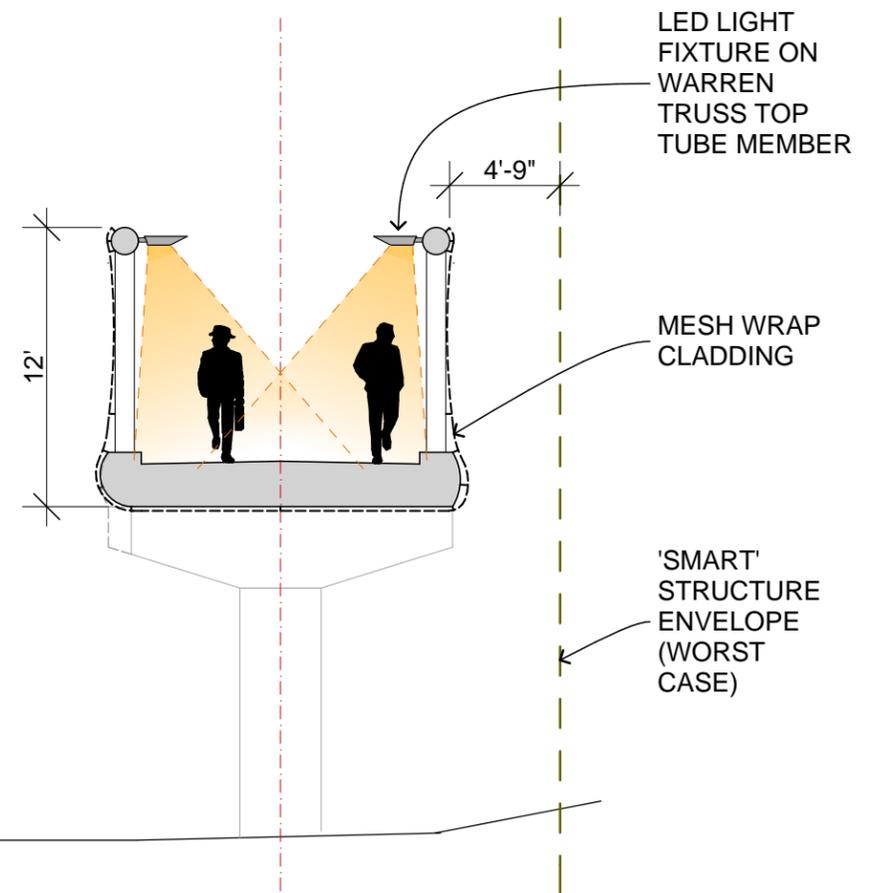
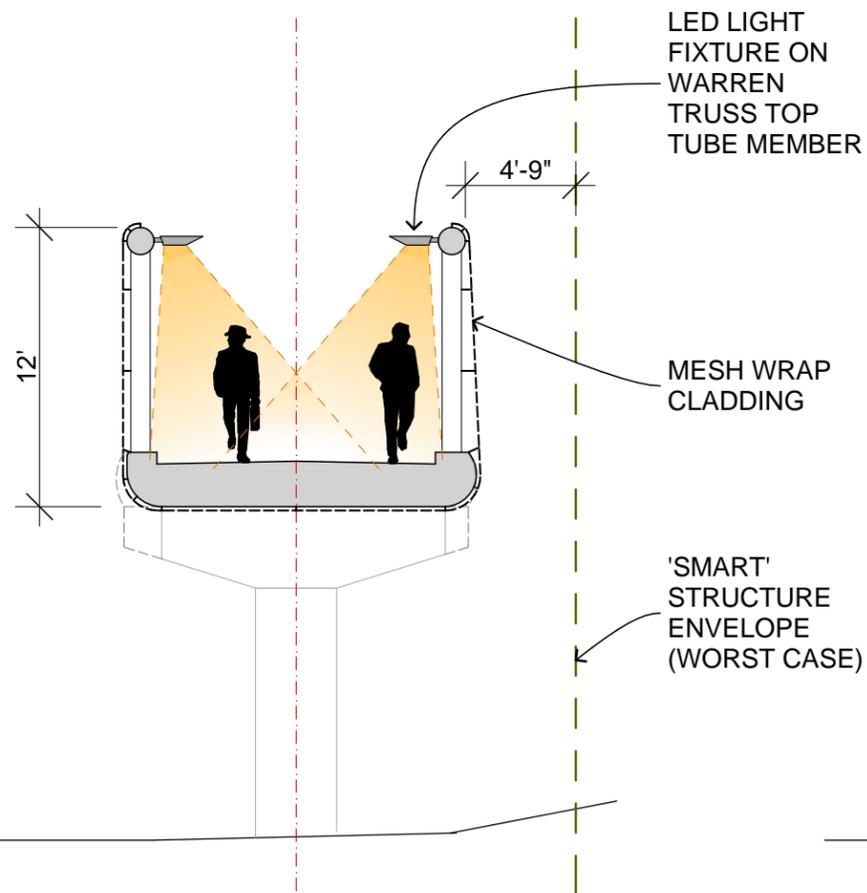


option 1:
straight

option 2:
angled

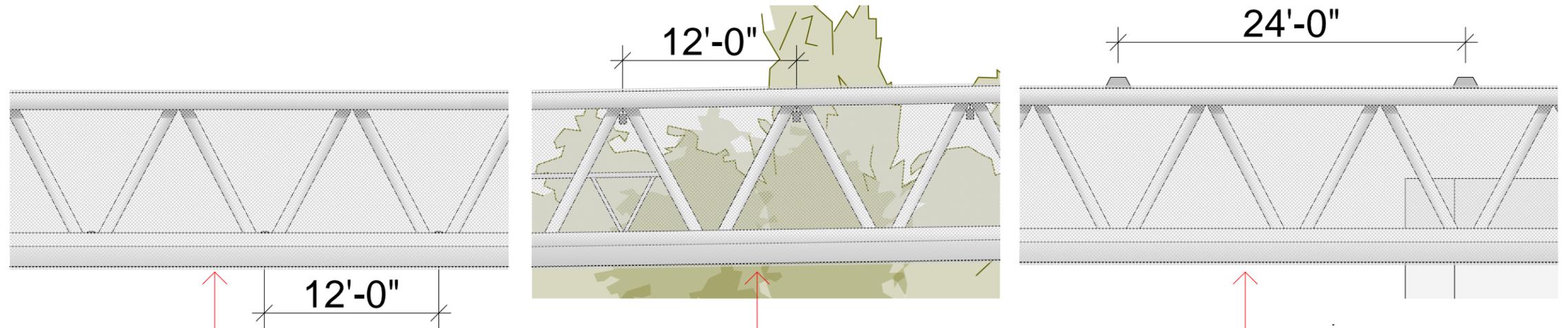
option 3:
wave

option 4:
wave with original
deck profile

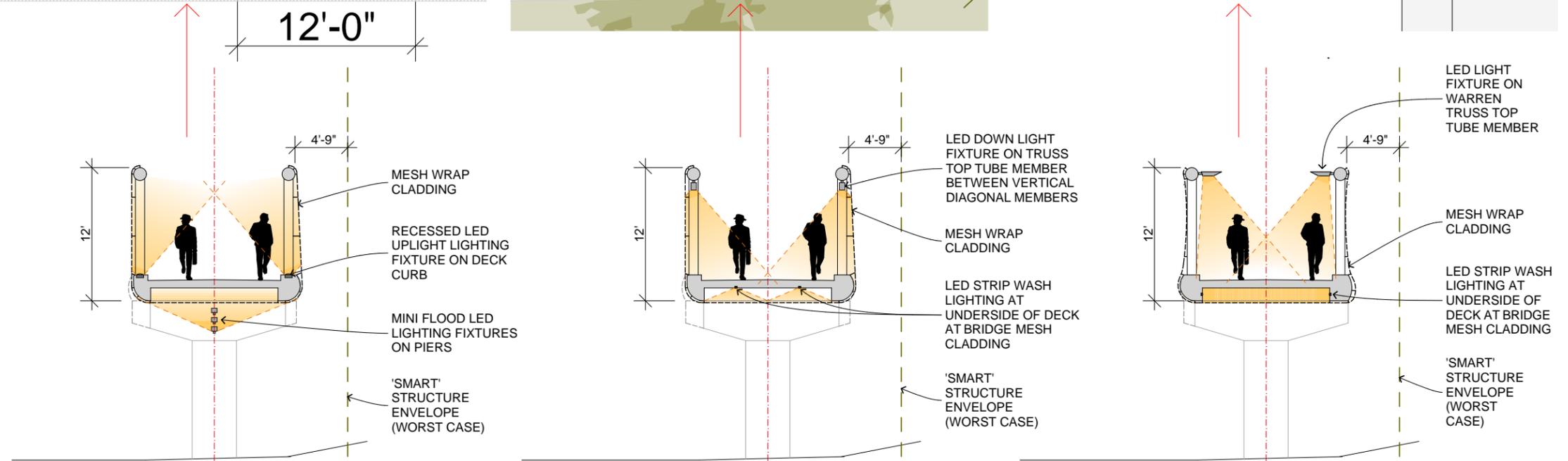


TYP. SECTIONS AT BRIDGE SHOWING OPTIONS OF MESH WRAPPING AROUND THE TRUSS

TYP. ELEVATIONS AT THE BRIDGE WITH WRAPPED MESH SHOWING LIGHTING OPTIONS CORRESPONDING TO THE SECTIONS BELOW



TYP. SECTIONS AT THE BRIDGE WITH WRAPPED MESH SHOWING LIGHTING OPTIONS BOTH ABOVE AND BELOW THE DECK



TYP. SECTIONS AT THE RAMP SHOWING LIGHTING OPTIONS

