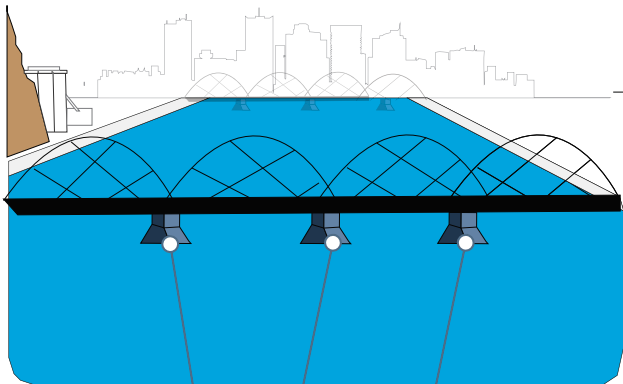


UPSTREAM DAM BIKE AND PEDESTRIAN BRIDGE



WILL UTILIZE EXISTING UPSTREAM DAM STRUCTURE

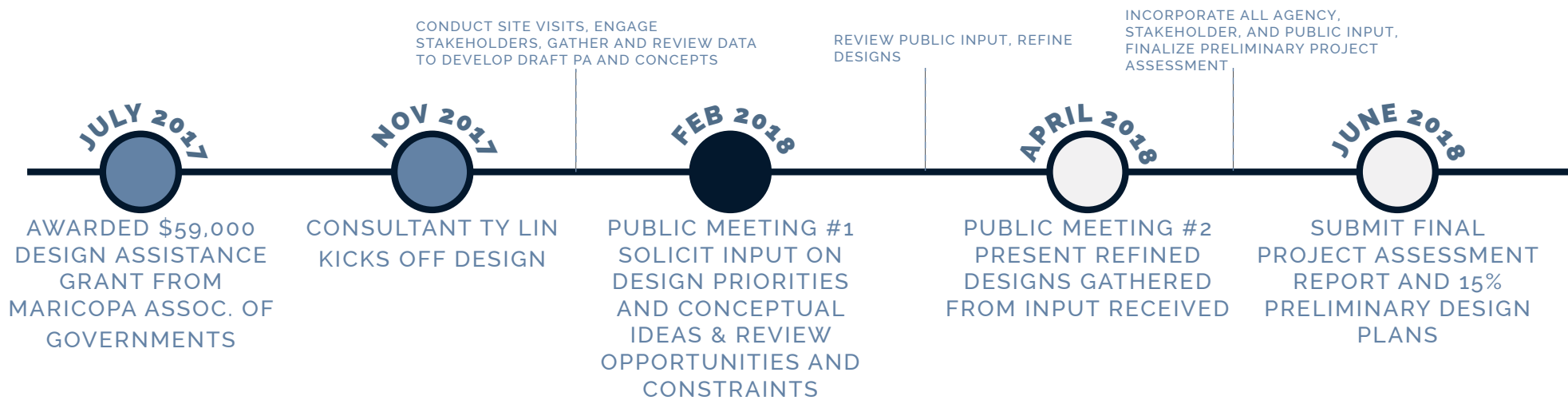


DIRECT OFF-STREET CONNECTIONS



IDENTIFIED IN TRANSPORTATION MASTER PLAN

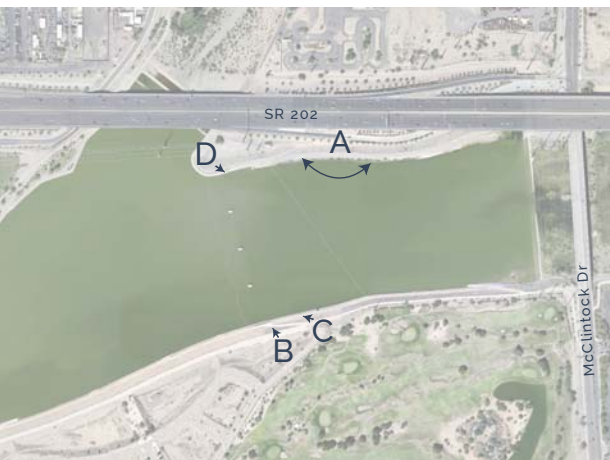
986' CONNECTING THE NORTH AND SOUTH BANKS OF THE RIO SALADO PATH SYSTEM



P R O J E C T L O C A T I O N



EXISTING CONDITIONS



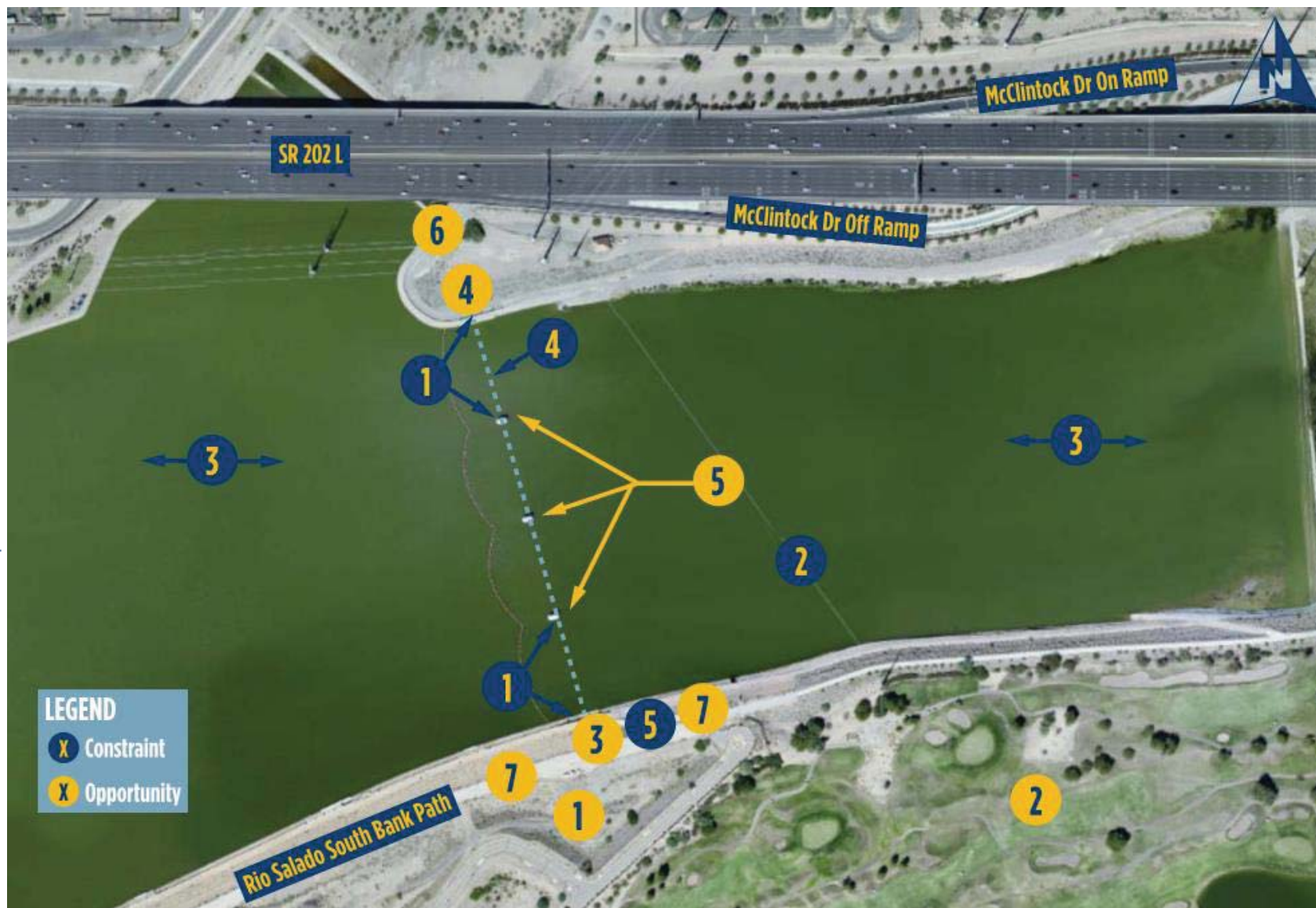
OPPORTUNITIES AND CONSTRAINTS

OPPORTUNITY

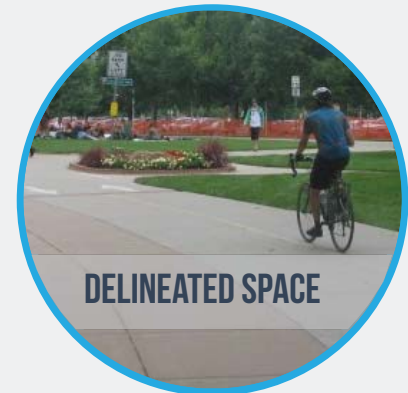
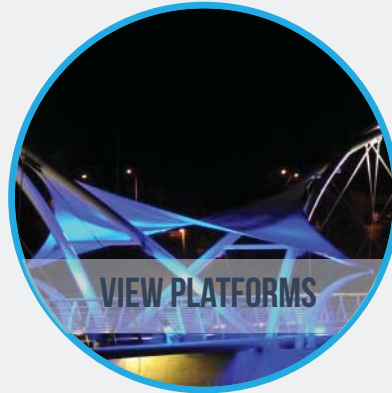
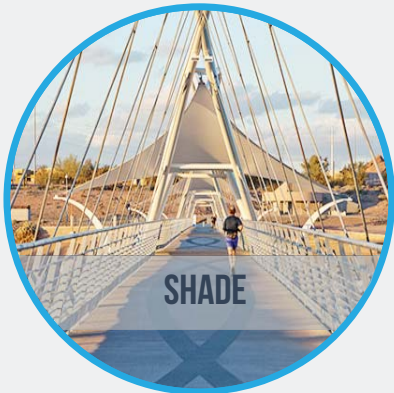
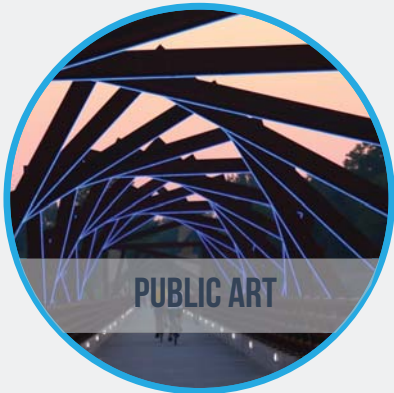
- 1/2** CONNECT TO FUTURE MIXED-USE DEVELOPMENTS
- 3** NODE LOCATION
- 4** WAYFINDING
- 5** EXISTING PIERS FOR USE AS BRIDGE SUBSTRUCTURE
- 6** CONNECT TO FUTURE NORTH BANK PATH TO INDIAN BEND WASH
- 7** CONNECT TO SOUTH BANK RIO SALADO PATH

CONSTRAINT

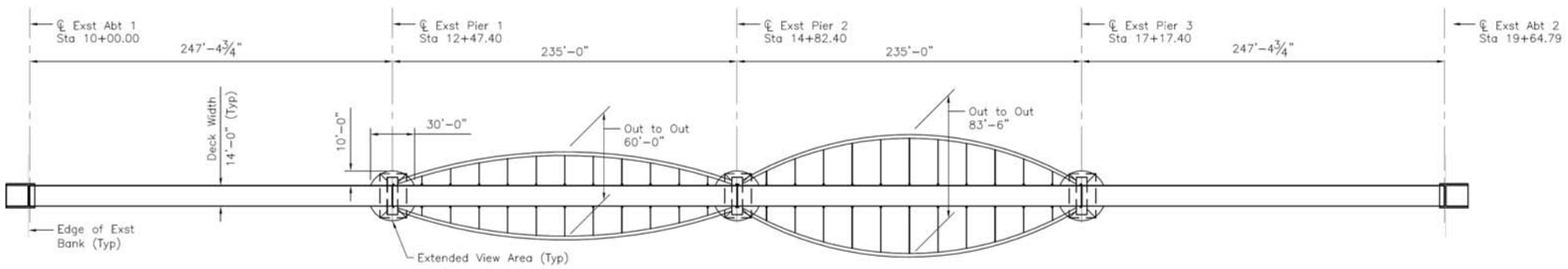
- 1** EXISTING PIER CAP ELEVATION >5-FT ABOVE ABUTMENT ELEVATION
- 2** POWER LINE CONSTRAINTS FOR CONSTRUCTION ACCESS
- 3** FAA FLIGHT PATH LIGHTING RESTRICTIONS
- 4** EXISTING UTILITIES UNDER UPSTREAM DAM
- 5** INDIRECT CONNECTION AND >10-FT CHANGE FROM ABUTMENT ELEVATION TO SOUTH BANK PATH



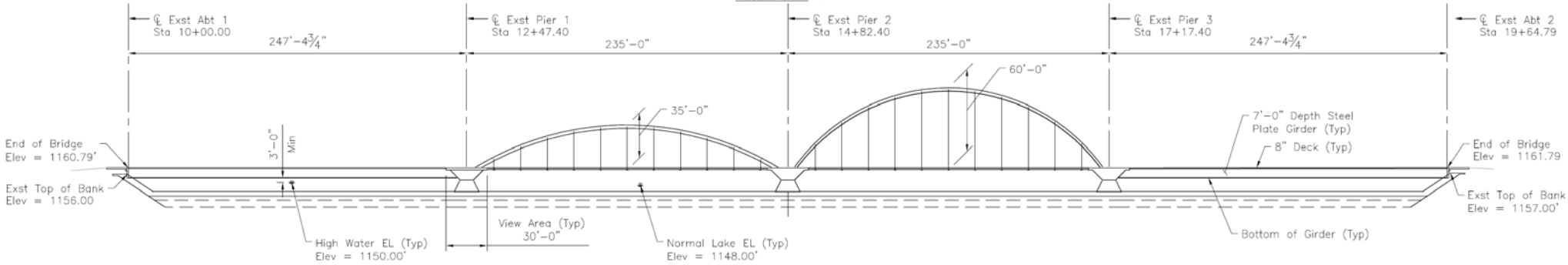
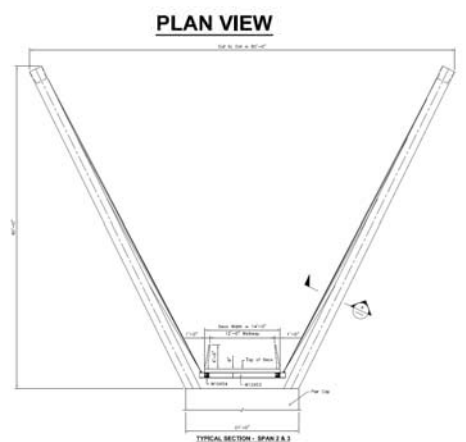
DESIGN ELEMENTS



FOUR-SPAN DUAL STEEL ARCH TRUSS CONCEPT



Four span arch connecting to character of downstream bridge, differentiating itself with variable height and grouping of arches, mimicking the variable flows and power of the salt river.



ELEVATION

TWO-SPAN DOUBLE ARCH CONCEPT

Curvature of walkway and offsetting arches mimicking meandering nature of the river's flow path.

An architectural rendering of a bridge concept. The bridge features two large, overlapping arches supported by three piers. The walkway is a continuous, flowing line that curves and offsets between the arches, mimicking the meandering path of a river. The bridge is set against a background of a river and green hills. Small human figures are placed on the bridge to provide scale. The overall style is clean and modern, with a focus on organic, flowing forms.

DOUBLE ARCH

FOUR-SPAN STEEL ARCH TRUSS CONCEPT

