

Arizona Canal Multiuse Path Evaluation Matrix

	Option 1	Option 2
Surface Area	The level surface of the bank is generally 30-feet to 40-feet wide. There is sufficient room for continuous unpaved path.	The level surface of the bank is generally 12-feet to 20-feet wide. There is insufficient room for a continuous 5-foot unpaved path.
Safety	Must modify city's standard design guidelines for paths at one constrained area. (approximately 250 feet)	Must modify the city's standard design guidelines for paths at three constrained areas. (approximately 900 feet)
Visibility	McDonald Drive crossing has reduced visibility/sight distance	McDonald Drive crossing has enhanced visibility/sight distance
Canal Crossing	The path from Chaparral to Jackrabbit can't be built on the east bank. Building the remainder of the path on the east bank would require path users to cross the canal at Jackrabbit to stay on the concrete path.	Path users will stay on the west side of the canal bank continuously from Indian Bend to Camelback when the future segment is built from Camelback to Chaparral.
Access Points	Multiple access points to the concrete path from adjacent properties. There are 6 Access Points: Jackrabbit Access Location eastbound, San Miguel Avenue, Topaz Subdivision, Villas Antigua Condominiums, Club Scottsdale Condominiums, Lincoln Alignment	Limited access points to the concrete path from adjacent properties due to a fenced concrete drainage channel between the canal and the properties. There are 3 Access Points: Jackrabbit Access Location westbound, Lincoln Sidewalk, Sidewalk south of Silverado Parking Lot
Neighbors	Canal bank grade is higher than adjacent homes and there are greater number of residences.	Canal bank grade is similar in height to adjacent homes/properties and there are fewer residences.
Buffer/ Landscaping	The concrete path is closer to homes. There is more space for vegetation for visual screening and erosion control.	There is a greater distance between the concrete path and adjacent homes. There is less space for vegetation.
Project Partner Coordination	SRP uses the east bank to perform ongoing maintenance on the canal.	This option would require the use of an existing path managed by the Flood Control District of Maricopa County.
Overall Cost & Materials	North of Lincoln, concrete path would be needed even though there's an existing asphalt path adjacent to the west bank. This option would cost more than option 2.	North of Lincoln, an existing asphalt neighborhood path can be utilized, so a concrete path won't be added to the canal bank. Approximately 1,600 LF less concrete pathway. This option would cost less than option 1.

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