



ATTACHMENT I – General Qualifications
ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:
ADSP015-00004729

STATE PROCUREMENT OFFICE
Department of Administration
100 North 15th Avenue, Suite 201
Phoenix, Arizona 85007

(If a firm has branch offices, complete for each specific branch office seeking work.)

1. Annual Request for Qualifications

a.	J2 Engineering and Environmental Design, LLC	
b.	4649 East Cotton Gin Loop Suite B2	
c.	Phoenix	
d.	AZ:	
e.	85040	
f.	2002:	
(g1).	Limited Liability Corporation	
(g2)	Small Disadvantaged Business:	
h.	Jeffrey M. Engelmann, Vice President	
i.	602-438-2221 EXT 103	
j.	jengelmann@j2design.us	
k.	NAME OF FIRM <i>(If block 1a is a branch office):</i>	



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2. EMPLOYEES BY DISCIPLINE

a. Discipline Title	b. Function: Primary (P) or Secondary (S)	c. No. of Employees - Firm	d. No. of Employees - Branch
CADD Technician	P	3	
Civil Engineering	P	2	
Civil Engineering	S	5	
Geographic Information System Specialist	S	1	
Hydraulic Engineer	P	2	
Hydraulic Engineer	S	1	
Hydrologist	P	1	
Hydrologist	S	2	
Landscape Architect	P	7	
Project Manager	P	9	
Transportation Engineer	P	2	
Transportation Engineer	S	1	
Technician/Analyst	S	7	
Water Resources Engineer	P	6	
Water Resources Engineer	S	1	
Total		32	



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3. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST YEAR

a. Approximate No. of Projects	b. Experience	c. Revenue Index Number (see below)
2	Activity Centers	1
12	Area Master Planning	1
24	Community Facilities	2
5	Conservation and Resource Management	1
2	Dams (<i>Earth; Rock</i>); Dikes; Levees	1
16	Digital Elevation and Terrain Model Development	2
32	Highways; Streets; Airfield Paving; Parking Lots	3
14	Infrastructure	2
36	Irrigation; Drainage	3
40	Landscape Architecture	4
4	LEED Accredited A/E	2
32	Outdoor Recreation	3
28	Recreation Facilities (<i>Parks, Marinas, Etc.</i>)	3
16	Rivers; Canals; Waterways; Flood Control	4
40	Storm Water Handling & Facilities	4
24	Sustainable Design	2
16	Traffic and Transportation Engineering	2
21	Traffic Studies	2
18	Transportation	2
4	Urban renewals; Community Development	3
40	Water Resources; Hydrology; Ground Water	4

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

- | | |
|---|---|
| 1. Less than \$100,000 | 6. \$2 million to less than \$5 million |
| 2. \$100,000 to less than \$250,000 | 7. \$5 million to less than \$10 million |
| 3. \$250,000 to less than \$500,000 | 8. \$10 million to less than \$25 million |
| 4. \$500,000 to less than \$1 million | 9. \$25 million to less than \$50 million |
| 5. \$1 million to less than \$2 million | 10. \$50 million or greater |



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4. Resumes of Key Personnel Proposed for this Contract (Complete one Section 4 for each key person.)

a. NAME Jeff Engelmann	b. ROLE IN THIS CONTRACT Principal	c. YEARS EXPERIENCE	
		1. TOTAL 31	2. WITH CURRENT FIRM 12
d. LOCATION (City and State) J2 Engineering and Environmental Design, LLC 4649 East Cotton Gin Loop Suite B-2 Phoenix, AZ 85040			
e. EDUCATION (DEGREE AND SPECIALIZATION) B.L.A. / Landscape Architecture 1983 Iowa State University, Ames Iowa		f. PROFESSIONAL TRAINING - REGISTRATIONS Arizona, Registered Landscape Architect – License No. 23430 Kansas, Registered Landscape Architect – License No. 581 Missouri, Registered Landscape Architect – License No. 166	
g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.) American Society of Landscape Architects (ASLA); Valley Forward Association Arizona; Arizona Parks & Recreation Association (APRA)			

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION (City and State) Copper Sky Recreation Complex City of Maricopa Arizona, AZ	(2) YEAR COMPLETED 2014	Professional Services 2012	Construction (if applicable) 2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Client City of Maricopa Arizona Scope: J2 was retained to assist in managing the design and development of the plans for this 20 million dollar community park and recreation center development. Project consists of 100 acre recreation complex composed of a multi-generational recreation building, 4 field softball/baseball complex with restroom concessions, eight championship soccer fields, great lawn area, 5 acre urban fishing lake, skate park, dog park, tennis facility, basketball and volleyball court area and maintenance facility. J2 provided project management, public involvement and all civil engineering, landscape architecture for the project. Role: Project Manager. Size: 100 Acres. Cost: \$20,000,000.	<input checked="" type="checkbox"/>	Check if project performed with current firm	
2.	(1) TITLE AND LOCATION (City and State) Fiesta Sports Park City of Mesa Arizona, AZ	(2) YEAR COMPLETED 2015 Estimated	Professional Services 2013	Construction (if applicable) 2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Client City of Mesa Arizona Scope: J2 was retained to assist in managing the design and development of the plans for this 4 million dollar community sports park redevelopment. Project consists of 20 acre recreation complex composed of a 4 field softball little league baseball complex with restroom concessions and site amenities. J2 provided project management, public involvement and all civil engineering, landscape architecture for the project. Project is to open to the public in summer of 2015. Role: Project Manager. Size: 20 Acres. Cost: \$4,000,000.	<input checked="" type="checkbox"/>	Check if project performed with current firm	
3.	(1) TITLE AND LOCATION (City and State) Tempe Area Drainage Master Study (ADMS) City of Tempe Arizona, AZ	(2) YEAR COMPLETED 2015 Estimated	Professional Services 2013 - 2015	Construction (if applicable) NA
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Client City of Tempe AZ and MCFCD Scope: J2 was hired by the Flood Control District of Maricopa County (MCFCD) and City of Tempe to assist them in developing and evaluating Tempe's overall drainage system. The Tempe ADMS/P is intended to identify drainage and flooding problems in the City of Tempe study area and to develop alternative measures to mitigate identified concerns. J2 provided project management, all civil engineering, water resource engineering, hydrology engineering and landscape architecture for the project. Role: Project Principal. Size: 45 Square Miles. Cost (Study): \$1,000,000.	<input checked="" type="checkbox"/>	Check if project performed with current firm	
4.	(1) TITLE AND LOCATION (City and State) Copper Sky Police Substation City of Maricopa Arizona, AZ	(2) YEAR COMPLETED 2015	Professional Services 2014	Construction (if applicable) NA
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Client Architekton (Architects) and City of Maricopa Arizona Scope: J2 was retained by Architekton Architects to provide all of the general civil engineering, drainage engineering, utility infrastructure extensions and all landscape architecture for this new police substation. J2 provided all civil engineering, landscape architecture for the project. Role: Project Principal. Size: 15 Acres. Cost: \$10,000,000.	<input checked="" type="checkbox"/>	Check if project performed with current firm	
5.	(1) TITLE AND LOCATION (City and State) Va Shly-ay Akimel Environmental Restoration Mesa Arizona and Salt River Pima Maricopa Indian Community, AZ	(2) YEAR COMPLETED 2012	Professional Services 2007	



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(3) BRIEF DESCRIPTION (*Brief scope, size, cost, etc.*) AND SPECIFIC ROLE

Check if project performed with current firm

Ultimate Client: USACE

Scope: J2 was retained to assist in managing the design and development of the plans for over 18 miles of river restoration through the City of Mesa and the Salt River Pima Maricopa Indian Community of Arizona. Project consists of restoring the Salt River that traverses through these two entities, engineering design for the habitat restoration and revegetation plans, wetland pond design, and a multi-use recreational trail system.

Role: Project Manager. **Size:** 18 Miles/2000 Acres. **Cost:** \$88,000,000.



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4. Resumes of Key Personnel Proposed for this Contract (Complete one Section 4 for each key person.)

a. NAME Jeff Holzmeister	b. ROLE IN THIS CONTRACT Principal	c. YEARS EXPERIENCE	
		1. TOTAL 29	2. WITH CURRENT FIRM 12
d. LOCATION (City and State) J2 Engineering and Environmental Design, LLC 4649 East Cotton Gin Loop Suite B-2 Phoenix, AZ 85040			
e. EDUCATION (DEGREE AND SPECIALIZATION) B.S. / Civil Engineering / 1983 University of Kansas Lawrence, Kansas M.S. / Water Resource Engineering / 1988 University of Kansas Lawrence, Kansas		f. PROFESSIONAL TRAINING - REGISTRATIONS Arizona, Registered Engineer – License No. 23170 Nevada, Registered Engineer – License No. 11572 New Mexico Registered Engineer – License No. 20445 Kansas, Registered Engineer – License No. 21547 Missouri, Registered Engineer – License No. 2011007345	
g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.) American Society of Civil Engineers Arizona Council of Engineering Companies Arizona Floodplain Managers Association			

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION (City and State) Copper Sky Recreation Complex City of Maricopa Arizona, AZ	(2) YEAR COMPLETED 2014	Professional Services 2012	Construction (if applicable) 2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Client City of Maricopa Arizona Scope: J2 was retained to assist in managing the design and development of the plans for this 20 million dollar community park and recreation center development. Project consists of 100 acre recreation complex composed of a multi-generational recreation building, 4 field softball/baseball complex with restroom concessions, eight championship soccer fields, great lawn area, 5 acre urban fishing lake, skate park, dog park, tennis facility, basketball and volleyball court area and maintenance facility. J2 provided project management, public involvement and all civil engineering, landscape architecture for the project. Role: Principal Civil Engineer. Size: 100 Acres. Cost: \$20,000,000.	<input checked="" type="checkbox"/>	Check if project performed with current firm	
2.	(1) TITLE AND LOCATION (City and State) Fiesta Sports Park City of Mesa Arizona, AZ	(2) YEAR COMPLETED 2015 Estimated	Professional Services 2013	Construction (if applicable) 2015 Estimated
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Client City of Mesa Arizona Scope: J2 was retained to assist in managing the design and development of the plans for this 4 million dollar community sports park redevelopment. Project consists of 20 acre recreation complex composed of a 4 field softball little league baseball complex with restroom concessions and site amenities. J2 provided project management, public involvement and all civil engineering, landscape architecture for the project. Project is to open to the public in summer of 2015. Role: Principal Civil Engineer. Size: 20 Acres. Cost: \$4,000,000.	<input checked="" type="checkbox"/>	Check if project performed with current firm	
3.	(1) TITLE AND LOCATION (City and State) Tempe Area Drainage Master Study (ADMS) City of Tempe Arizona, AZ	(2) YEAR COMPLETED 2015 Estimated	Professional Services 2013 - 2015	Construction (if applicable) NA
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Client City of Tempe AZ and MCFCD Scope: J2 was hired by the Flood Control District of Maricopa County (MCFCD) and City of Tempe to assist them in developing and evaluating Tempe's overall drainage system. The Tempe ADMS/P is intended to identify drainage and flooding problems in the City of Tempe study area and to develop alternative measures to mitigate identified concerns. J2 provided project management, all civil engineering, water resource engineering, hydrology engineering and landscape architecture for the project. Role: Project Manager. Size: 45 Square Miles. Cost (Study): \$1,000,000.	<input checked="" type="checkbox"/>	Check if project performed with current firm	
4.	(1) TITLE AND LOCATION (City and State) Copper Sky Police Substation City of Maricopa Arizona, AZ	(2) YEAR COMPLETED 2015	Professional Services 2014	Construction (if applicable) NA
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Client Architekton (Architects) and City of Maricopa Arizona Scope: J2 was retained by Architekton Architects to provide all of the general civil engineering, drainage engineering, utility infrastructure extensions and all landscape architecture for this new police substation. J2 provided all civil engineering, landscape architecture for the project. Role: Principal Civil Engineer. Size: 15 Acres. Cost: \$10,000,000.	<input checked="" type="checkbox"/>	Check if project performed with current firm	



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(1) TITLE AND LOCATION (*City and State*)

Va Shly-ay Akimel Environmental Restoration
Mesa Arizona and Salt River Pima Maricopa Indian Community, AZ

(2) YEAR COMPLETED

2012

Professional Services
2007

Construction (if applicable)
NA

5.

(3) BRIEF DESCRIPTION (*Brief scope, size, cost, etc.*) AND SPECIFIC ROLE

Ultimate Client: USACE

Scope: J2 was retained to assist in managing the design and development of the plans for over 18 miles of river restoration through the City of Mesa and the Salt River Pima Maricopa Indian Community of Arizona. Project consists of restoring the Salt River that traverses through these two entities, engineering design for the habitat restoration and revegetation plans, wetland pond design, and a multi-use recreational trail system.

Role: Project Principal. Size: 18 Miles/2000 Acres. Cost: \$88,000,000.

Check if project performed with current firm



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4. Resumes of Key Personnel Proposed for this Contract (Complete one Section 4 for each key person.)

a. NAME Aaron Allan	b. ROLE IN THIS CONTRACT Landscape Architect	c. YEARS EXPERIENCE	
		1. TOTAL 12	2. WITH CURRENT FIRM 11
d. LOCATION (City and State) J2 Engineering and Environmental Design, LLC 4649 East Cotton Gin Loop Suite B-2 Phoenix, AZ 85040			
e. EDUCATION (DEGREE AND SPECIALIZATION) B.S. / Landscape Architecture / 2003 Arizona State University		f. PROFESSIONAL TRAINING - REGISTRATIONS Arizona, Registered Landscape Architect – License No. 45439 Nevada, Registered Landscape Architect – License No. 852 Kansas, Registered Landscape Architect – License No. 761 Utah, Registered Landscape Architect - License No. 7289718	
g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.) American Society of Landscape Architects (ASLA);			

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION (City and State) Carefree Highway Trailhead City of Phoenix Arizona, AZ	(2) YEAR COMPLETED 2015	Professional Services 2013-2015	Construction (if applicable) NA
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Client City of Phoenix Arizona Scope: J2 is serving as the prime consultant for this new regional trailhead for the City of Phoenix. This 14.5 acre trailhead site is located on the southwest corner of Carefree Highway and 7 th Avenue. The trailhead will have approximately 165 automobile spaces, six equestrian spaces, a custom ramada and restroom building, plaza area, and connections to the City's Sidewinder and Bobcat trails that traverse this portion of the City's Sonoran Preserve. J2 provided the master plan of the trailhead. The master plan process provided several alternative layout options for the trailhead eventually culminating into a single preferred alternative which is the basis of the construction documents. J2 is providing all the civil engineering and landscape architecture for the project Role: Project Manager. Size: 14.5 Acres. Cost: \$2,000,000 Estimated.	<input checked="" type="checkbox"/>	Check if project performed with current firm	
2.	(1) TITLE AND LOCATION (City and State) Western Powerline Trail Town of Gilbert, Arizona, AZ	(2) YEAR COMPLETED 2010	Professional Services 2005	Construction (if applicable) 2010
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Client: Town of Gilbert Arizona Scope: J2 was the prime consultant for this project and was responsible for the landscape architectural, irrigation, and civil engineering design of this multi-use trail and linear park project. This section of multi-use path runs west, following along the banks of the Western Canal, from Freestone Park at Lindsay Road and joins into an existing path that connects to McQueen Park at Cooper Road. A linear park, celebrating the Town's and Salt River Project's historical partnership, is located in the heart of downtown Gilbert. Role: Project Manager. Size: 2.5 Miles. Cost: \$4,200,000.	<input checked="" type="checkbox"/>	Check if project performed with current firm	
3.	(1) TITLE AND LOCATION (City and State) Hayden Park City of Phoenix Arizona, AZ	(2) YEAR COMPLETED 2015 Estimated	Professional Services 2012 - 2015	Construction (if applicable) NA
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Client City of Phoenix AZ Scope: J2 was the prime consultant for this addition to an existing City of Phoenix park. Hayden Park is located on the southeast corner of Broadway Road and 7 th Avenue. This project looked at developing an additional 5 acres on the site. J2 refined the existing City master plan that included programming for a splash pad, sand volleyball court, walking loop path, large open turf area, and ramadas. J2 provided the civil engineer, landscape architecture, and irrigation design for the project. The design team embraced the neighborhood's Hispanic heritage and introduced bright accent walls and massing of plants to provide seasonal color to provide a sense of entry into the park area.. Role: Project Manager. Size: 5 Acres. Cost: \$1,600,000.	<input checked="" type="checkbox"/>	Check if project performed with current firm	
4.	(1) TITLE AND LOCATION (City and State) Dust Devil Park City of Phoenix Arizona, AZ	(2) YEAR COMPLETED 2012	Professional Services 2010	Construction (if applicable) 2012
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Client City of Phoenix, Arizona Scope: J2 was the prime consultant for the project and provided all civil engineering, drainage design, hardscape, landscape, and irrigation design. J2 was responsible for master plan refinement, City departments and design review approvals, and creation of the construction documents. The project opened to the public in fall of 2012. Role: Project Manager. Size: 14 Acres. Cost: \$4,300,000.	<input checked="" type="checkbox"/>	Check if project performed with current firm	



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5.	(1) TITLE AND LOCATION (<i>City and State</i>) Water Tower Park <i>Town of Gilbert Arizona, AZ</i>	(2) YEAR COMPLETED 2009	
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Client: Town of Gilbert Arizona Scope: This ¼ acre park site, in the heart of the Heritage District, sits under a 120 foot tall historic water tower. There is also a historic adobe pump house on the site that used to serve as the Town's first jail. Both the water tower and pump house are icons for the Town of Gilbert. J2 was the prime consultant and provided landscape architecture, irrigation, and civil engineering design services for the park. Role: Project Manager. Size: 3/4 Acres. Cost: \$2,300,000.	Professional Services 2006	Construction (if applicable) 2009
		<input checked="" type="checkbox"/>	Check if project performed with current firm



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4. Resumes of Key Personnel Proposed for this Contract (Complete one Section 4 for each key person.)

a. NAME Jeff Velasquez	b. ROLE IN THIS CONTRACT Landscape Architect	c. YEARS EXPERIENCE	
		1. TOTAL 20	2. WITH CURRENT FIRM 12
d. LOCATION (City and State) J2 Engineering and Environmental Design, LLC 4649 East Cotton Gin Loop Suite B-2 Phoenix, AZ 85040			
e. EDUCATION (DEGREE AND SPECIALIZATION) B.S. / Landscape Architecture / Cal Poly Pomona		f. PROFESSIONAL TRAINING - REGISTRATIONS Arizona/Landscape Architect New Mexico/Landscape Architect	
g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.) American Society of Landscape Architects (ASLA);			

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION (City and State) Tolleson Downtown Redevelopment City of Phoenix Arizona, AZ	(2) YEAR COMPLETED 2014	Professional Services 2011	Construction (if applicable) 2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Client City of Tolleson Arizona Scope: Jeff is the Project Manager and Landscape Architect developing a conceptual design and construction documents for improvements in the Downtown Tolleson area that will help to create a sense of place and help to revitalize the Downtown core. The conceptual design also balances vehicular, pedestrian, bicycle, and mass transit traffic in order to develop a safer downtown that is conducive to a true multi-modal environment that will promote private investment in the Downtown area. The project consists of street enhancements, custom design for hardscape elements & sidewalk paving, open space improvements, an overall parking plan, plant materials, site furnishings, Downtown branding & logo; gateway entry monuments, pedestrian wayfinding, & art kiosk elements; and as well as design coordination with the West Valley Arts Council. Role: Project Manager. Size: 2 Miles. Cost: \$10,000,000.	<input checked="" type="checkbox"/> Check if project performed with current firm		
2.	(1) TITLE AND LOCATION (City and State) Mesa Fiesta District Redevelopment City of Mesa, Arizona, AZ	(2) YEAR COMPLETED 2014	Professional Services 2010	Construction (if applicable) 2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Client: City of Mesa, Arizona Scope: Jeff is the Project Landscape Architect for the project, including hardscape, landscape, and irrigation design services. Also included in the scope are aesthetic theming, public involvement, 3D graphic rendering and photo simulations, design, and construction document production. Overall project area spans 1.8 miles from the Tempe Canal east to Extension Road and includes conceptual design, public involvement, and construction documents for this district-wide revitalization project including pedestrian enhancements, multi-modal transit concepts, site furnishings, water features, historic interpretive elements, open space development, signage and wayfinding elements, a traffic study, civil engineering improvements, and extensive stakeholder involvement Role: Project Manager. Size: 2.5 Miles. Cost: \$10,400,000.	<input checked="" type="checkbox"/> Check if project performed with current firm		
3.	(1) TITLE AND LOCATION (City and State) South Arizona Avenue Entry Corridor Improvements City of Chandler Arizona, AZ	(2) YEAR COMPLETED 2010	Professional Services 2009	Construction (if applicable) 2010
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Client City of Chandler AZ Scope: Jeff served as the Project Landscape Architect for the 1-mile streetscape and urban design through downtown Chandler. The project included development of construction documents, specifications, and estimates for the project. Specific project improvements included aesthetic theming, arts commission/artist coordination, landscape and irrigation design, urban site furnishings, hardscape/pavement design, traffic calming, coordination of on-street parking and construction observations. Role: Project Manager. Size: 3 Miles. Cost: \$9,300,000.	<input checked="" type="checkbox"/> Check if project performed with current firm		
4.	(1) TITLE AND LOCATION (City and State) Galveston Street Pedestrian Bridge City of Chandler Arizona, AZ	(2) YEAR COMPLETED 2014	Professional Services 2009	Construction (if applicable) 2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Client City of Chandler, Arizona Scope: J2 worked as a sub-consultant to TY Lin International to develop bridge aesthetics, in conjunction with Public Artist Laurie Lundquist, for the City of Chandler's first Pedestrian Bridge. The Bridge is located at the Galveston Street Alignment over the Loop 101. Role: Project Landscape Architect. Size: Bridge Aesthetics. Cost: \$4,300,000.	<input checked="" type="checkbox"/> Check if project performed with current firm		



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(1) TITLE AND LOCATION (<i>City and State</i>)	(2) YEAR COMPLETED	
Mesquite Groves Park <i>City of Chandler Arizona, AZ</i>	2009	
(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE	Professional Services 2009	Construction (if applicable) NA
5. Client: City of Chandler Arizona Scope: J2 served as the project manager responsible for developing the master plan for this 100-acre community park located within the City of Chandler. The project tasks included the master planning of the park, including the design and layout of two lake/irrigation reservoirs. J2 provided designs that included a four field softball complex, room for both a future aquatic center and a community center. Centrally located restroom/concessions buildings, a maintenance building and storage areas were also designed. The park includes soccer/football fields, spectator seating for all of the sports fields, as well as parking lots, walkways and the required roadway network to assist in linking the facilities together Role: Project Manager. Size: 100 Acres. Cost: \$10,300,000.	<input checked="" type="checkbox"/> Check if project performed with current firm	



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4. Resumes of Key Personnel Proposed for this Contract (Complete one Section 4 for each key person.)

a. NAME Shimin Zou	b. ROLE IN THIS CONTRACT Water Resource Engineer	c. YEARS EXPERIENCE	
		1. TOTAL 16	2. WITH CURRENT FIRM 2
d. LOCATION (City and State) J2 Engineering and Environmental Design, LLC 4649 East Cotton Gin Loop Suite B-2 Phoenix, AZ 85040			
e. EDUCATION (DEGREE AND SPECIALIZATION) Ph.D./Civil Engineering/1992 University of Kansas Lawrence, Kansas B.S & M.S./Civil Engineering/1984 Wuhan University, Wuhan P.R., China		f. PROFESSIONAL TRAINING - REGISTRATIONS Professional Civil Engineer, Arizona #32854 Certified Floodplain Manager, CFM No. US-10-05106	
g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.) American Society of Civil Engineers Arizona Council of Engineering Companies Arizona Floodplain Managers Association			

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION (City and State) Tempe Area Drainage Master Study (ADMS) City of Tempe Arizona, AZ	(2) YEAR COMPLETED 2015 Estimated	Professional Services 2013 - 2015	Construction (if applicable) NA
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Client City of Tempe AZ and MCFCD Scope: J2 was hired by the Flood Control District of Maricopa County (MCFCD) and City of Tempe to assist them in developing and evaluating Tempe's overall drainage system. The Tempe ADMS/P is intended to identify drainage and flooding problems in the City of Tempe study area and to develop alternative measures to mitigate identified concerns. J2 provided project management, all civil engineering, water resource engineering, hydrology engineering and landscape architecture for the project. Role: Project Water Resource Engineer. Size: 45 Square Miles. Cost (Study): \$1,000,000.	<input checked="" type="checkbox"/>	Check if project performed with current firm	
2.	(1) TITLE AND LOCATION (City and State) Yuma County Flood Plain Delineations Yuma County Arizona, AZ	(2) YEAR COMPLETED 2012	Professional Services 2012	Construction (if applicable) NA
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Client Yuma County Arizona Scope: Floodplain Delineations for Yuma County: Detailed hydrology and hydraulic analysis for South "C" Wash in Unincorporated Yuma County. Performed 2-D model analysis using FESWMS-2DH. Role: Project Water Resource Engineer. Size: 5 miles of wash study..	<input type="checkbox"/>	Check if project performed with current firm	
3.	(1) TITLE AND LOCATION (City and State) Wickenburg Area Zone "A" Studies, City of Wickenburg Arizona, AZ	(2) YEAR COMPLETED 2012	Professional Services 2012	Construction (if applicable) NA
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Client City of Wickenburg AZ Scope: Performed Zone "A" Study for approximately 90 miles of washes near the Town of Wickenburg. Role: Project Water Resource Engineer. Size: 90 miles of wash study.	<input type="checkbox"/>	Check if project performed with current firm	
4.	(1) TITLE AND LOCATION (City and State) Pinal County Flood Insurance Study Pinal County Arizona, AZ	(2) YEAR COMPLETED 2012	Professional Services 2012	Construction (if applicable) NA
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Client Pinal County Arizona Scope: Detailed and approximate area (100 miles) study including hydrology, hydraulics, and Technical Data Notebook for Unincorporated areas of Pinal County and the City of Eloy. Role: Project Water Resource Engineer. Size: 100 miles of wash study	<input type="checkbox"/>	Check if project performed with current firm	
5.	(1) TITLE AND LOCATION (City and State) Cave Creek Channelization, 19th Avenue & Greenway Parkway, City Of Phoenix, AZ	(2) YEAR COMPLETED 2012	Professional Services 2012	Construction (if applicable) NA



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(3) BRIEF DESCRIPTION (*Brief scope, size, cost, etc.*) AND SPECIFIC ROLE

Client: City of Phoenix

Scope: Projects required sediment capacity estimation and scour components evaluations, including long-term aggradation/degradation, bed form troughs, local scour, such as bridge scour, bend scour, sill scour, and low flow scour. Responsible for Drainage Report, CLOMR/LOMR, and construction documents.

Role: Project Water Resource Engineer. **Size:** 50 miles of wash study

Check if project performed with current firm



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4. Resumes of Key Personnel Proposed for this Contract (Complete one Section 4 for each key person.)

a. NAME Jason Touchin	b. ROLE IN THIS CONTRACT Civil Engineer	c. YEARS EXPERIENCE	
		1. TOTAL 20	2. WITH CURRENT FIRM 10
d. LOCATION (City and State) J2 Engineering and Environmental Design, LLC 4649 East Cotton Gin Loop Suite B-2 Phoenix, AZ 85040			
e. EDUCATION (DEGREE AND SPECIALIZATION) B.S. / BS/Construction Management/1994 Arizona State University		f. PROFESSIONAL TRAINING - REGISTRATIONS Arizona, Registered Civil Engineer – License No. 38806	
g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.) American Society of Civil Engineers Arizona Council of Engineering Companies			

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION (City and State) Carefree Highway Trailhead City of Phoenix Arizona, AZ	(2) YEAR COMPLETED 2015	Professional Services 2013-2015	Construction (if applicable) NA
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Client City of Phoenix Arizona Scope: J2 is serving as the prime consultant for this new regional trailhead for the City of Phoenix. This 14.5 acre trailhead site is located on the southwest corner of Carefree Highway and 7 th Avenue. The trailhead will have approximately 165 automobile spaces, six equestrian spaces, a custom ramada and restroom building, plaza area, and connections to the City's Sidewinder and Bobcat trails that traverse this portion of the City's Sonoran Preserve. J2 provided the master plan of the trailhead. The master plan process provided several alternative layout options for the trailhead eventually culminating into a single preferred alternative which is the basis of the construction documents. J2 is providing all the civil engineering and landscape architecture for the project Role: Project Engineer. Size: 14.5 Acres. Cost: \$2,000,000 Estimated.	<input checked="" type="checkbox"/>	Check if project performed with current firm	
2.	(1) TITLE AND LOCATION (City and State) Copper Sky Recreation Complex City of Maricopa Arizona, AZ	(2) YEAR COMPLETED 2014	Professional Services 2012	Construction (if applicable) 2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Client City of Maricopa Arizona Scope: J2 was retained to assist in managing the design and development of the plans for this 20 million dollar community park and recreation center development. Project consists of 100 acre recreation complex composed of a multi-generational recreation building, 4 field softball/baseball complex with restroom concessions, eight championship soccer fields, great lawn area, 5 acre urban fishing lake, skate park, dog park, tennis facility, basketball and volleyball court area and maintenance facility. J2 provided project management, public involvement and all civil engineering, landscape architecture for the project. Role: Project Engineer. Size: 100 Acres. Cost: \$20,000,000.	<input checked="" type="checkbox"/>	Check if project performed with current firm	
3.	(1) TITLE AND LOCATION (City and State) Hayden Park City of Phoenix Arizona, AZ	(2) YEAR COMPLETED 2015 Estimated	Professional Services 2012 - 2015	Construction (if applicable) NA
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Client City of Phoenix AZ Scope: J2 was the prime consultant for this addition to an existing City of Phoenix park. Hayden Park is located on the southeast corner of Broadway Road and 7 th Avenue. This project looked at developing an additional 5 acres on the site. J2 refined the existing City master plan that included programming for a splash pad, sand volleyball court, walking loop path, large open turf area, and ramadas. J2 provided the civil engineer, landscape architecture, and irrigation design for the project. The design team embraced the neighborhood's Hispanic heritage and introduced bright accent walls and massing of plants to provide seasonal color to provide a sense of entry into the park area.. Role: Project Engineer. Size: 5 Acres. Cost: \$1,600,000.	<input checked="" type="checkbox"/>	Check if project performed with current firm	
4.	(1) TITLE AND LOCATION (City and State) Dust Devil Park City of Phoenix Arizona, AZ	(2) YEAR COMPLETED 2012	Professional Services 2010	Construction (if applicable) 2012
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Client City of Phoenix, Arizona Scope: J2 was the prime consultant for the project and provided all civil engineering, drainage design, hardscape, landscape, and irrigation design. J2 was responsible for master plan refinement, City departments and design review approvals, and creation of the construction documents. The project opened to the public in fall of 2012. Role: Project Engineer. Size: 14 Acres. Cost: \$4,300,000.	<input checked="" type="checkbox"/>	Check if project performed with current firm	
5.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		



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Water Tower Park
Town of Gilbert Arizona, AZ

2009

Professional Services
2006

Construction (if applicable)
2009

(3) BRIEF DESCRIPTION (*Brief scope, size, cost, etc.*) AND SPECIFIC ROLE

Client: Town of Gilbert Arizona

Scope: This ¼ acre park site, in the heart of the Heritage District, sits under a 120 foot tall historic water tower. There is also a historic adobe pump house on the site that used to serve as the Town's first jail. Both the water tower and pump house are icons for the Town of Gilbert. J2 was the prime consultant and provided landscape architecture, irrigation, and civil engineering design services for the park.

Role: Project Engineer. Size: 3/4 Acres. Cost: \$2,300,000.

Check if project performed with current firm



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5. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present no more than five (5) projects. Complete one Section 5 for each project.)

a. TITLE AND LOCATION <i>(City and State)</i> Copper Sky Recreation Complex City of Maricopa Arizona	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i> 2014

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER City of Maricopa Arizona	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$20,000,000	e. TOTAL COST OF PROJECT \$20,000,000
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

J2 Engineering & Environmental Design was the prime design consultant on the Haydon Building Corporation team for this City of Maricopa design-build project. The J2-Haydon team was selected to master plan, design, and construct this **110-acre facility**, known as the Copper Sky Recreation Complex. J2 provided master planning design services that included a year's worth of extensive public involvement and outreach, coordination with the City's steering committee, and eventual presentation to and approval of, the master plan from the City Council. J2 completed construction documents for the park, including all civil engineering and landscape architecture aspects of the park's design.

Copper Sky Recreation Complex was designed to be the active sports complex for the City of Maricopa. The site design beautifully accommodates four lighted multi-use fields, four unlighted multi-use fields, a championship four-plex softball/little league baseball diamond complex, along with sufficient parking for these activities. Additionally, restroom/concession building, two restroom buildings, a maintenance building and storage yard were included. Additional facilities include a space for large public events area, a small amphitheatre, and a 5 acre urban fishing lake surrounded with fishing nodes and picnic ramadas. To complete the design for Copper Sky Recreation Complex has included a Dog park, Skate plaza, two basketball courts, two sand volleyball courts, two tennis courts, horseshoe pits, group and individual picnic ramadas, a north and south play area with swings and rock climbers. Copper Sky Park is intended to be Maricopa's "crown jewel" of city parks and opened for public use in March 2014.

The civil engineering aspects of the project included onsite retention and review of existing studies which document offsite drainage impacts to the park. Copper Sky Recreation Complex will serve as a regional multi-use flood control facility for the City of Maricopa. J2 was tasked to design flood control improvements and structures as well as submit (Conditional) Letter of Map Revisions (CLOMR/LOMR) to Federal Emergency Management Agency (FEMA) to update the floodplain to incorporate the Cooper Sky Recreation Complex Park Site. Onsite grading included retention basins to retain the 100-year, 2-hr storm event for park improvements, as well as, grading the southern portion of the park to accommodate the regional retention requirements.

An overall water analysis for the recreation complex was developed including fire demands. 12 inch and 8 inch water mains were designed to deliver water needs to park facilities and future parcels. An existing sewer line was located with the park site, sewer laterals were designed to connect to this existing 8" line. Arizona Department of Environmental Quality submittals were made for water and sewer approvals. Additional civil improvements included roadway and parking lot design within the project site.

J2 Engineering & Environmental Design, LLC worked closely coordinating with various utility providers including the City of Maricopa (Fire, Plan Reviews & Permits), Global Water (Reclaim, Potable & Waste Water), ED3 (Electrical District 3), Orbitel Communications (Telephone, Cable & Fiber Optic), Century Link (Telephone, Internet), Verizon (Cell Tower), Southwest Gas (Natural Gas), Maricopa-Stanfield Irrigation & Drainage District (Lake Water Supply). Coordination also included Approval To Construct, field testing, Discharge Authorization, and Approval Of Construction for water and waste water from Arizona Department of Environmental Quality (ADEQ).

Potable water and fire line can be currently supplied for the proposed building with an existing 6" potable and 6" fire line tap and stubs from Martin Luther King Blvd. (MLK) on the east side of the site. Greythorn Drive can also supply water if necessary; this would entail connecting the 12" water main stubbed from MLK to Bowlin Road. An existing potable stub also exists in Bowlin Road located north of the proposed site. The waste water can be discharged into the existing 30" sewer line located in Bowlin Road via a stub located north of the proposed site.



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5. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present no more than five (5) projects. Complete one Section 5 for each project.)

a. TITLE AND LOCATION <i>(City and State)</i> Carefree Highway Trailhead City of Phoenix Arizona	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If applicable)</i> NA

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER City of Phoenix	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$1,700,000	e. TOTAL COST OF PROJECT
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

Phoenix is home to tens of thousands of acres of untouched desert lined with majestic Saguaro and Cholla cactuses, home to coyotes, great horned owls and Gila monsters -- all just minutes from downtown Phoenix. It's no surprise Phoenix is one of National Geographic's best hiking cities and has been recognized by AARP and TravelNerd as one of the "Top Urban Destinations for Nature Lovers". This along with a multitude of other reasons is why the City of Phoenix focuses efforts on developing new trails and trailhead for its residents and visitors to use while maintaining the hundreds of miles of existing trails that provide direct access to the beautiful Sonoran Desert areas that have been preserved for this interaction.

J2 is serving as the prime consultant for this new regional trailhead for the City of Phoenix. This 14.5 acre trailhead site is located on the southwest corner of Carefree Highway and 7th Avenue. The trailhead will have approximately 165 automobile spaces, six equestrian spaces, a custom ramada and restroom building, plaza area, and connections to the City's Sidewinder and Bobcat trails that traverse this portion of the City's Sonoran Preserve. J2 provided the master plan of the trailhead. The master plan process provided several alternative layout options for the trailhead eventually culminating into a single preferred alternative which is the basis of the construction documents. J2 is providing all the civil engineering and landscape architecture for the project.

This project will develop a Community Access Point Trailhead for the City of Phoenix (COP) that will provide additional access to a portion of the Sonoran Preserve. A community access point, per COP guidelines, is recommended to have a minimum of 85 automobile spaces and eight to ten equestrian spaces. The City currently sees a high demand at this trailhead location and is intending to provide as much parking as a regional trailhead which would be approximately 200 spaces. This trailhead will be located at the current entry point of a tower road that the City of Phoenix's IT Department operates. The intersection at 7th Ave. and Carefree Highway is signalized but the signal poles may have to be relocated in order to accommodate a deceleration lane for dedicated right turns into the site. The Carefree Highway right of way is owned and maintained by MCDOT. The east edge of the project site is comprised of county island residential development which appears to be contributing to the creation of non-designated "wild cat" trails. This project will look to address access control along this eastern perimeter. A minor wash cuts across the project site and all the improvements are located north of this wash and south of the Carefree Highway. The project will include an automobile parking lot, equestrian parking lot, restroom building, and shade ramadas. The entry into the trailhead will be via a traffic circle. This traffic circle will provide access to the trailhead as well as provide City access to the existing tower road. Access will be controlled by a gate at the entry drive and traffic treadles on the exit drive. The wash will need to be crossed by a road to provide access to the trailhead. This will be accomplished by extending the existing pipe culverts. All automobile parking lots will have asphalt drive isles with concrete parking bays. The equestrian parking lots will be stabilized decomposed granite. The parking lot will have approximately 203 regular stalls and five accessible stalls. The circulation will be two-way with perpendicular (90 degree) parking. Retaining walls will be required on the southeast side of the parking lot to prevent impacts to the wash. The equestrian lot will accommodate six trucks and equestrian trailers. The equestrian traffic will not be allowed to circulate through the automobile lot. The trailhead site takes advantage of an open flat area that was previously a burn area so it has little existing vegetation. A custom shade ramada will be sited to provide a place for picnics and respite from the sun for trail users. A prefabricated restroom building with a custom overhead shade structure will also be developed. Due to the difficulty of extending water and sewer to the area the restroom facility will utilize alternative waste disposal methods such as water harvesting/tank system, and composting. The use of solar panels will be investigated for feasibility and cost/benefit.



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5. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present no more than five (5) projects. Complete one Section 5 for each project.)

a. TITLE AND LOCATION <i>(City and State)</i> Downtown Tolleson Redevelopment City of Tolleson Arizona	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2011	CONSTRUCTION <i>(If applicable)</i> 2014

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER City of Tolleson	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$9,500,000	e. TOTAL COST OF PROJECT \$9,500,000
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

J2 Engineering & Environmental Design was selected to develop the conceptual design and construction documents that called for improvements in the Downtown area that helped to create a sense of place and helped to revitalize the Downtown core. The overall goal is to create a “live, work, shop, and play” environment that becomes a sustainable economic engine for the City of Tolleson and its residents. The conceptual design and final construction documents also balances vehicular, pedestrian, bicycle, and mass transit traffic in order to develop a safer downtown that is conducive to a true multi-modal environment that will promote private investment in the Downtown area. Highlights of the conceptual design include: An overall long-term or “20-year vision” for the Van Buren streetscape from 99th Avenue to 83rd Avenue; A recommended first stage improvement project that focused on streetscape enhancements from 91st Avenue west to 96th Avenue; and custom design for hardscape elements & sidewalk paving, open space improvements, an overall parking plan, plant materials, site furnishings, Downtown branding & logo; gateway entry monuments, pedestrian wayfinding, & art kiosk elements; and design coordination with West Valley Arts Council ‘Gallery 37’ art elements for kiosks and ‘Arte de Arboles’ art elements. The project opened to the public on December 16, 2014.



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5. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present no more than five (5) projects. Complete one Section 5 for each project.)

a. TITLE AND LOCATION <i>(City and State)</i> Western Powerline Multi-Use Trail Town of Gilbert	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2005	CONSTRUCTION <i>(If applicable)</i> 2010

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Town of Gilbert, Arizona	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$4,200,000	e. TOTAL COST OF PROJECT \$4,200,000
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

J2 was the prime consultant for this project and was responsible for the landscape architectural, irrigation, and civil engineering design of this multi-use trail and linear park project. This section of multi-use path runs west, following along the banks of the Western Canal, from Freestone Park at Lindsay Road and joins into an existing path that connects to McQueen Park at Cooper Road. A linear park, celebrating the Town's and Salt River Project's historical partnership, is located in the heart of downtown Gilbert.

Services provided for this project included the evaluation of the proposed multi-use path site while working with Arizona Department of Transportation, Federal Highway Administration, Bureau of Reclamation, State Historic Preservation Office, Salt River Project, and the Town of Gilbert to develop the path. J2 also coordinated with Arizona Public Service, Qwest, and COX on the under grounding of overhead utilities and utility relocations. J2 developed the linear park master plan to accommodate the Town's desire for passive open space and water features that illustrated their tie to the water delivery system. J2 also developed design themes, administered public involvement and created final sets of construction documents for each phase of the multi-use path.

The highlight area of the project is the linear park nestled in the redeveloping Heritage District. In order to gain the area for the linear park, J2 worked with the Town and SRP to convert approximately 1000 linear feet of earthen channel to a piped system. The park consists of two major outdoor plaza areas, turf and tree lined paths and four unique water features. Two water features stand on either side of Gilbert Road and act as a gateway into the downtown. At the center of each plaza is a distinctive water feature representing Gilbert's agricultural past and tells the story of how SRP delivers water to the valley. This multi-use path is not only a vital link in the Sun Circle Trail, it is providing needed open space and a stepping stone for economic development in Gilbert's resurging downtown.



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(Present no more than five (5) projects. Complete one Section 5 for each project.)

a. TITLE AND LOCATION <i>(City and State)</i> Tempe Area Drainage Master Study Maricopa County Flood Control District and City of Tempe	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If applicable)</i> NA

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER FCDMC and City of Tempe	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$1,000,000 Study Cost	e. TOTAL COST OF PROJECT
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

J2 was hired by the Flood Control District to assist them in developing and evaluating Tempe's overall drainage system. The Tempe ADMS/P is intended to identify drainage and flooding problems in the City of Tempe study area and to develop alternative measures to mitigate identified concerns. Within the last five years, there have been multiple significant storm events causing extensive street drainage problems and flooding of several neighborhoods in the City of Tempe (City). Although Tempe is nearly built-out, the advent of the light rail, ASU expansion plans, and the attraction of the Tempe Town Lake is expected to lead to major redevelopment of portions of the City. As a response to projected growth and regulatory requirements, the City is considering implementation of various green infrastructure and low impact design techniques as part of the new General Plan 2040. In response to these issues, the Flood Control District of Maricopa County (District) recognized a need to assess flooding in the area, and has initiated the Tempe Area Drainage Master Study and Plan (Tempe ADMS/P) to identify flood hazards and develop any needed flooding mitigation solutions. The study area is bounded by the Salt River (north), Loop 101 (east), SR 202 (south) and I-10 (west). The study area encompasses approximately 45 square miles located primarily within the City of Tempe with portions in the Cities of Phoenix and Chandler as well as the Town of Guadalupe. The first phase of the study includes data collection, development of a comprehensive two-dimensional hydrology model with integrated storm drain analytics, and preparation of a Flood Hazard Assessment with estimates of economic damages caused by flooding. An extensive stakeholder coordination and public outreach effort has been incorporated to help compile information (records and anecdotes, dated photos and videos of flooding and drainage incidents, and any other historic information available) as well as to help focus on acceptable mitigation alternatives.



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6. ADDITIONAL INFORMATION

a. PROVIDE ANY ADDITIONAL INFORMATION YOU FEEL MAY BE NECESSARY TO DESCRIBE YOUR FIRMS QUALIFICATIONS. (ATTACH ADDITIONAL SHEETS AS NEEDED.)

J2 Engineering and Environmental Design, LLC (J2) is pleased to submit this statement of qualifications for the Arizona Department of Administration’s On-Call Services Contract and the categories identified within this response. J2 believes that we have an outstanding locally-based team with project experience and proven qualifications to meet and exceed our client’s expectations.

J2 was founded in Phoenix over twelve years ago with a focus on providing public sector design services. That focus and dedication has resulted in over 95% of our past and current contracts being completed for our repeat public sector clients. J2 is not a private sector design firm that is attempting to enter the public sector market, we have devoted our entire professional careers toward developing and maintaining our public works focus.

Our extensive civil engineering and landscape architecture experience, coupled with our excellent professional relationship with federal, state and local governmental agencies throughout Arizona will provide a wealth of proven, unmatched expertise that can be utilized successfully on any contract we are fortunate to be asked to respond. The award-winning J2 staff is committed to meeting a project’s schedule and exceeding the quality that the Arizona agencies utilizing this resource and its respective residents have come to expect.

Our firm’s specialization in the public market and the specific services areas identified in this response and that enables us to assign key local staff that can effectively respond to any specific design issue with an expertise that comes from previous experience. At J2 we emulate the mantra, “To improve the quality of life in Arizona through efficient delivery of outstanding public services.” We feel honored to have been a part of delivering outstanding public services and find great fulfillment in seeing the projects we are involved in come to life and have a positive impact in the community.

Our team is ready to focus immediate efforts on any contract upon selection and notice to proceed. The Arizona Department of Administration and its affiliated members can be assured of the following if J2 is selected for any Contract:

- J2 will bring energy, enthusiasm, and creativity to any contract/project we are asked to respond
- Our DBE firm is a proactive, innovative locally based Arizona design firm led by experienced project principals and managers
- J2 will utilize its proven track record to openly and creatively collaborate and communicate with the agency utilizing this resource and our teams expertise
- J2’s proven management structure will ensure that any selected project stays on schedule and within budget
- J2 has immediate staffing for any project or task that we are fortunate to be selected for or asked to respond
- We look forward to continuing to build on our solid partnership with the federal, state and local governmental agencies that remain our company’s focus and serving the needs of Arizona’s citizens to accomplish a projects goals and objectives.

We appreciate your review of our qualifications and look forward to the opportunity to continue serving the State of Arizona and the Arizona Department of Administration and its affiliated members with this selection.

7. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

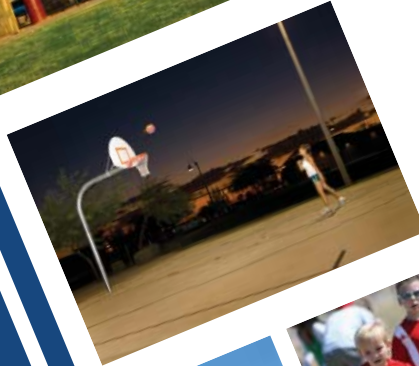
a.	Percentage of Total Work Attributable to State, Federal and Municipal Government Work:	95%
b.	Percentage of Total Work Attributable to Non-Government Work:	5%

8. AUTHORIZED REPRESENTATIVE. The foregoing is a statement of facts.

Signature: _____ Date: 12-23-14

Name: Jeffrey M. Engelmann Title: Vice President

Statement of Qualifications Packet



Submitted by:

J2 Engineering & Environmental Design, LLC
4649 East Cotton Gin Loop Suite B-2
Phoenix, Arizona, 85040
602-438-2221
www.j2design.us



firm information

J2 is located at:

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experience/firm's capabilities

The J2 staff's professional experience has been gained through the completion of numerous public works projects for local governmental agencies, as well as state, county, and federal agencies.

J2's staff is very proud of its past working relationships that we have developed and nurtured for the past 25 years with our clients, where over 95% of our work has been completed for repeat clientele. Our firm was founded on the principle that clients hire "people" not "firms". This philosophy continues to prove its worth in the simple fact that J2's reputation for completing projects on-time and on-budget, with award-winning results, is why 95% of our work continues to be for repeat clients.

J2 is a minority-owned business enterprise and is a certified disadvantaged business enterprise by Maricopa County Arizona and the City of Phoenix in Arizona. J2's Civil Engineering Department specializes in general civil engineering (water, sewer, paving, grading) with an emphasis on water resource engineering while the Landscape Architecture Department has specialized in master planning, park design, and construction observation for parks, recreation, open space, & trails projects. Project sizes have ranged from 1/2 acre and 1 acre urban pocket parks to over 600-acres of environmental restoration that included wetland establishment and creation.

J2 Design's staff members have experience delivering projects that are innovative and cutting edge while remaining strong to the company's culture of approaching each project as another environmentally sensitive project. Experience with projects requiring the coordination of multiple disciplines, complex drainage and hydrology issues, sports field and recreation design, and creation of unique public experiences are all specialties of the J2 team. In addition, we possess the technical expertise and post design /construction observation skills necessary to develop effective implementation strategies for completing complex projects on time and on budget.

disciplines

J2 has an established and dedicated staff of 27 technical, design and support professionals. Our size and capabilities allow us the flexibility to rapidly address the wide range of design issues that may arise during the development of any project.

The professional disciplines available on the J2 staff include:

- Civil Engineers
- Water Resource Engineers
- Traffic Engineers
- Engineering Designers
- Park, Recreation, and Open Space Design Specialists
- Landscape Architects & Designers
- Certified Irrigation Design Team
- GIS, CAD, LEED, and graphic specialists.

Our staff includes 13 registered professionals, including:

- 8 Registered Professional Engineers
- 8 Registered Landscape Architects

In addition to J2's talented in-house design staff, we maintain an excellent working relationship with numerous professional consulting firms who have the ability to provide additional design and/or construction management services if required. These subconsultants may include electrical engineers, structural engineers, artists, geotechnical engineers, surveyors, and construction managers. J2 also maintains an outstanding relationship with many of the top-tier contractors.



Rio Salado (Salt River) Environmental Restoration and Trail Systems

Phoenix, Arizona

Construction Cost: \$90,000,000

Dates of Design and Construction Administration Service by J2: August 2001 – November 2005

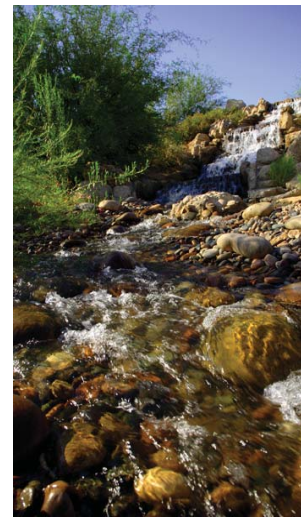
Initial Construction Schedule: 36 Months, Built Schedule: 34 Months

(Grand Opening November 2005)

Project Owner: US Army Corps of Engineers and City of Phoenix

Contact: US Army Corps of Engineers Mike Ternak (602) 640-2021, City of Phoenix (Retired) Walt Kinsler (623) 882-7959

As one of the main subconsultants to CH2M HILL, J2 served as the landscape architecture design manager for both the aesthetic design team and habitat restoration team for this 580-acre project within the City of Phoenix. The U.S. Army Corps of Engineers was the client, and the City of Phoenix was the local sponsor, for this ambitious project, and J2 coordinated with both entities throughout the project's duration, including facilitation at working group meetings. Included in J2's scope were professional services for the habitat and recreational facility master planning and design. J2 created a multi-use recreational trail system, designed for both hard and soft-surface trails. Habitat unit calculations and habitat restoration planting designs were major considerations for J2 as staging area designs for 7th Avenue, 7th Street, and 16th Street were devised. The resulting staging sites, including parking and trail nodes, enhance the aesthetic statement for this major project. J2 also provided cost estimating and specifications, and construction document development for this exciting 5-mile project within the Rio Salado river corridor. The project improvements include: pedestrian plaza areas, pedestrian trail staging areas, parking lots, restrooms, and wetlands. The project opened to the public in November, 2005.





New River Environmental Restoration and Trail Systems

Peoria, Arizona

Construction Cost: \$7,000,000

Dates of Design and Construction Administration Service by J2: June 2005 – July 2007

Initial Construction Schedule: 16 Months, Built Schedule: 14 Months
(Grand Opening May 2008)

Project Owner: Maricopa County Flood Control District and City of Peoria

Contact: Kirk Haines, (623) 773-7120; Charron Burton, (623) 773-7212

J2 was the lead firm for this exciting project, responsible for the river hydrology and hydraulic studies and reports, bank stabilization design and development of the overall master plan and construction documents for over 2 miles of river restoration in New River from Grand Avenue north to the Skunk Creek confluence. J2 served as the lead design firm for the overall project, including the coordination of containment of the Standard Project Flood (SPF) within the river corridor and the protection of bridges and the surrounding development.

Containment of the SPF within the right of way was the primary project goal, but J2, working closely with the Flood Control District and the City of Peoria staff, crafted additional recommendations for the project. This resulted in the successful integration of the overall theme of a "Connected Riparian Desert". This theme relied on close coordination with all interested parties, including much public input, and resulted in improved bank stabilization along with ecosystem conservation and enhancement through grading and alignment designs. Re-vegetation plans were developed and incorporated into a series of habitat plantings along the multi-use recreational trail system. J2 also envisioned the creative reuse of river materials and designed unique "living roof" ramadas. In addition, J2 planned the location and design of the various public staging areas and overlooks located along and within the project area.





Western Power Line Trail System

Gilbert, Arizona

Construction Cost: \$4,200,000

Dates of Design and Construction Administration Service by J2: June 2005 – February 2009

Initial Construction Schedule: 16 Months, Built Schedule: 18 Months

Project Owner: Town of Gilbert, Arizona

Contact: Town of Gilbert (Retired) Tami Ryall (480) 273-7361; SRP Jim Duncan (602) 236-5380

J2 was the prime consultant for this project and was responsible for the landscape architectural, irrigation, and civil engineering design of this multi-use trail and linear park project. This section of multi-use path runs west, following along the banks of the Western Canal, from Freestone Park at Lindsay Road and joins into an existing path that connects to McQueen Park at Cooper Road. A linear park, celebrating the Town's and Salt River Project's historical partnership, is located in the heart of downtown Gilbert.

Services provided for this project included the evaluation of the proposed multi-use path site while working with Arizona Department of Transportation, Federal Highway Administration, Bureau of Reclamation, State Historic Preservation Office, Salt River Project, and the Town of Gilbert to develop the path. J2 also coordinated with Arizona Public Service, Qwest, and COX on the under grounding of overhead utilities and utility relocations. J2 developed the linear park master plan to accommodate the Town's desire for passive open space and water features that illustrated their tie to the water delivery system. J2 also developed design themes, administered public involvement and created final sets of construction documents for each phase of the multi-use path.

The highlight area of the project is the linear park nestled in the redeveloping Heritage District. In order to gain the area for the linear park, J2 worked with the Town and SRP to convert approximately 1000 linear feet of earthen channel to a piped system. The park consists of two major outdoor plaza areas, turf and tree lined paths and four unique water features. Two water features stand on either side of Gilbert Road and act as a gateway into the downtown. At the center of each plaza is a distinctive water feature representing Gilbert's agricultural past and tells the story of how SRP delivers water to the valley. This multi-use path is not only a vital link in the Sun Circle Trail, it is providing needed open space and a stepping stone for economic development in Gilbert's resurging downtown.





Santan Trail System

Gilbert, Arizona

Construction Cost: \$2,500,000

Dates of Design and Construction Administration Service by J2: June 2007 – March 2008

Initial Construction Schedule: 24 Months, Built Schedule: 18 Months

Project Owner: Town of Gilbert, Arizona

Contact: Town of Gilbert (Retired) Tami Ryall (480) 273-7361; SRP Jim Duncan (602) 236-5380

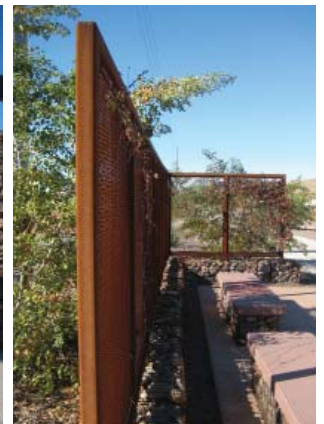
J2 was hired by the Town of Gilbert to develop the 202L Santan Freeway Multi-Use Path. The pathway system was designed and constructed in two separate contracts. J2 developed conceptual themes, construction documents, and specifications for both contracts.

The concrete multi-use path and hardscape associated with the various trail rest nodes and entry features were built by the initial freeway contractor. Construction was continued by the freeway landscape contractor; which produced various rest nodes and pathway entry features including shade screens, benches, over head entry features, and equestrian trails.

The pathway system runs from Ray Road, next to Cosmo Park, east to Power Road, and from Lindsay Road, next to Zanjero, east to Val Vista Road, which totals approximately four miles of pathway. These segments are, or will be, supplemented by private development pathways that will connect the breaks in continuity. Eventually, the pathway system will run uninterrupted from Gilbert Road to Power Road.

This pathway was designed to blend with the train and agricultural theme that dominates the freeway corridor. This can be seen in the pathway rest nodes which use stamped and colored concrete to evoke thoughts of a train stop. The pathway entry feature has an overhead black steel I-beam which resembles an old trestle train bridge.

The plant material along the trail was selected because of its similarity to agricultural plant material or their historic uses.





Tres Rios Recreational Master Plan

Phoenix, Arizona

Construction Cost: NA - Master Plan Only

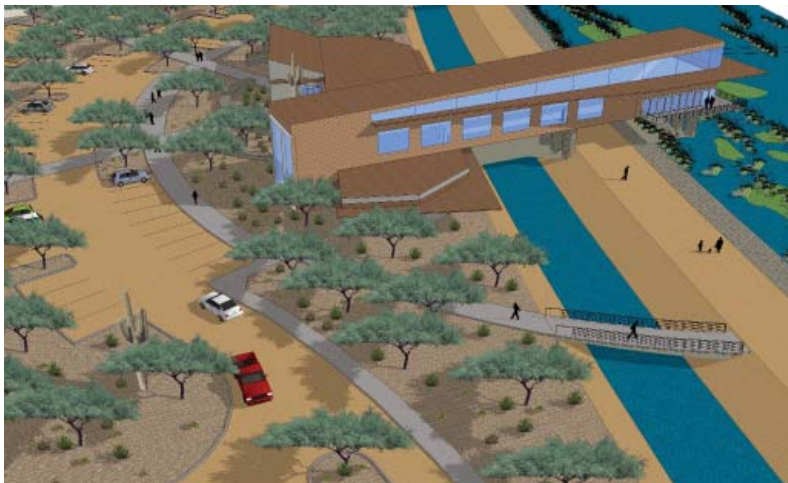
Dates of Design and Construction Administration Service by J2: May 2008 - October 2008

Initial Construction Schedule: NA

Project Owner: City of Phoenix, Arizona

Contact: Robert Upham Retired from City (480) 529-2910

The programmed improvements within the Tres Rios project include the design and development of both Flow Regulating Wetlands (FRW) and Overbank Wetlands (OBW). These improvements are all a part of the Tres Rios Environmental Restoration Project Phase II (project) at the Salt and Gila Rivers west of Phoenix, Arizona. This restoration project is jointly funded by the USACE and the SROG with the City of Phoenix (City) acting as the local non-Federal sponsor on behalf of its SROG partners. The plans and designs developed as part of this federal project have been completed by the Damon S. William and Associates (DSWA) design team in association with, WASS Gerke and Associates (WGA), and the URS Corporation. These design efforts have gone through a series of reviews by the City and the USACE. From these reviews it was determined that planning for future recreational elements in the Tres Rios project was necessary. The City determined that accommodating for these future public recreational and educational uses would be a prudent task to undertake prior to the finalization of the project plans, thus allowing recreational opportunities to be allowed for in the design. The City hired an on-call consultant J2 Engineering and Environmental Design, LLC (J2) to serve as its recreational review team based on their involvement in the award winning Rio Salado Environmental Restoration project and that projects diverse public recreational and educational design components. J2 staff led this team through this process. J2 ran the monthly meetings and designed and wrote the master plan report that provides the road map for the future development of the recreational components that will be integral to the success of the Tres Rios recreation efforts.





Tumbleweed Park Phase 5, Including Playtopia

Chandler, Arizona

Construction Cost: \$6,000,000

Dates of Design and Construction Administration Service by J2: June 2005 – July 2007

Initial Construction Schedule: 16 Months, Built Schedule: 14 Months
(Grand Opening May 2007)

Project Owner: City of Chandler

Contact: Mickey Ohland 480-782-2743, Don Tolle 480-782-2754

J2 served as the prime consultant for this 26-acre phase of the regional park’s development. The J2 team provided professional design services for this exciting park improvement, which is intended to be Chandler’s “central crown jewel” of its city park system. Tumbleweed Park’s recent improvements provide recreational activities and endless opportunities for children of all ages. J2’s scope included revising the master plan and developing the final construction documents for this phase of the 205-acre regional park. The design included the 3-acre children’s destination playground known as “Playtopia”, which contains 3 unique play areas which were inspired by Chandler’s rich history. The 3 zones of Playtopia are ‘Farm Land’, ‘Critter Land’, and ‘City Land.’ Integrated throughout Playtopia was historical sign imagery from Chandler’s past.

The Phase 5 improvements also included design of a large 3-pavilion corporate picnic area, restroom building, multi-use sports fields, volleyball and horseshoe pits, hard surface and soft surface multi-use trails, parking lots, electrical for lighting systems, and the required grading, drainage and water and sewer extensions. Included with the plans were specifications and associated cost estimates. J2 provided both construction document services and post design construction services. The project was designed and constructed in the CMAR (construction manager at risk) alternative delivery method.





Cosmo Park

Gilbert, Arizona

Construction Cost: \$2 million

Dates of Design and Construction Administration Service by J2: June 2005 – July 2007

Initial Construction Schedule: 16 Months Built Schedule: 14 Months

(Grand Opening May 2007)

Project Owner: Town of Gilbert

Contact: Town of Gilbert (Retired) Tami Ryall (480) 273-7361

The Town of Gilbert hired J2 to work with ADOT to convert this planned 16 acre retention basin into a terraced multi-use park scenario. The result of creatively fusing engineering design with landscape architecture has resulted in the creation of an award winning public amenity, Cosmo Park. The once envisioned dry fenced slopes have been replaced by grassy open slopes, a lake, ADA accessible trails, picnic ramadas, a state-of-the-art dog park with water entry and dog dock, K-9 Police Dog training facility, and public access to a series of interconnected trail systems that link Cosmo Park to other recreational and destination features within the Town.

The design philosophy behind the 16-acre Cosmo Park was to celebrate the playfulness of dogs and the joy that an animal can bring into a life. This design philosophy was reflected in every aspect of the project from the colored panels with dog paw prints on the light poles for the use of dog paw prints for the bridge crossing and wall aesthetics, to the "dog toe" seat pods around the park, to the fire hydrant water feature at the park overlook and main entry.

Cosmo Park's off-leash area was designed around providing the Town of Gilbert's K-9 officers a place to train. The training zones includes a zero depth entry water access beach, a dog dock for water jumps, and other permanent training features. These same features are available for use by the general public during normal park operating hours. Cosmo was the first of Gilbert's K-9 police dogs. The park, dedicated to Cosmo, resulted in every aspect of the project having a relationship or design theme related to dogs. Officer Cosmo was a trusted friend and this park is a tribute to her years of service.

Cosmo Park was designed and constructed simultaneously with Discovery Park via the Construction Manager at Risk delivery method.





Tolleson Veterans Park

Tolleson, Arizona

Construction Cost: \$3,500,000

Dates of Design and Construction Administration Service by J2: Oct. 2005 – Feb. 2008

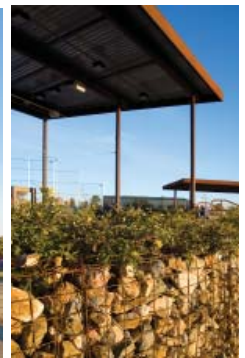
Initial Construction Schedule: 14 Months Built Schedule: 16 Months

(Grand Opening December, 2007)

Project Owner: City of Tolleson

Contact: City of Tolleson Reyes Medrano 623-936-7111 xt2772; John Paul Lopez (623) 936-7111 xt 2752

J2's design staff was hired by the City of Tolleson to serve as the prime consultant for the design of Tolleson's unique 10-acre Community Park. The J2 team conducted extensive public involvement meetings, developed the conceptual design and master plan, and produced plans and specifications for the project. The design for Tolleson Veterans Park utilized "green building" and sustainable design practices on the majority of the facilities within the park. This was done to keep in the theme and focus of its public works projects toward a goal of environmental stewardship, which the City of Tolleson values highly. Some of the sustainable concepts used included: Alternative paving parking lots to reduce heat island effect and drainage runoff; Use of local brick for the restroom/concession building & maintenance building; Use of a non-mechanical "cooling tower" at the concession area to cool the pedestrian plaza; And incorporation of drought-tolerant plant materials throughout the park. The park includes a custom-designed performance stage, restroom-concession building, custom-designed festival vending shade structures, baseball field, soccer field, children's play zone with state-of-the-art 'Evos' play system, soft-surface jogging track; pedestrian plaza, historical signage, alternative-paving parking lots, and irrigation system with booster pump.





Discovery Park

Gilbert, Arizona

Construction Cost: \$7 million

Dates of Design and Construction Administration Service by J2: June 2005 – July 2007

Initial Construction Schedule: 16 Months Built Schedule: 14 Months

(Grand Opening May 2007)

Project Owner: Town of Gilbert

Contact: Town of Gilbert (Retired) Tami Ryall (480) 273-7361

J2 was the prime consultant for this project and was responsible for the landscape architectural and civil engineering design of Discovery Park. Discovery Park was designed as a regional park for the Town of Gilbert. Additionally, the park serves as an offline retention basin for the Loop 202L - Santan Freeway and was built via the Construction Manager at Risk process.

Services provided by J2 for this project included the evaluation of the proposed park site and working closely with ADOT to develop the retention basins with the future parks in mind. J2 developed a park master plan to accommodate the Town's desired features and functions, developed design themes, administered public involvement, and created the park's final set of construction documents.

The design theme for Discovery Park was inspired by the earth's stratum and the way the force of water moves and shapes those layers. J2's design for the 48 acre Discovery Park was focused on active recreational play and included five multi-use fields, two sand volleyball courts, and two basketball courts. Discovery Park has two lakes connected by a naturalistic boulder strewn stream, numerous picnic and group ramadas, an extensive lighted concrete trail system and a creative play area. Additionally, a restroom and concessions building, a unique pedestrian park entry and turf landforms for children's interpretive play were included.





Desert Mountain Park

Queen Creek, Arizona

Construction Cost: \$8,200,000

Dates of Design and Construction Administration Service by J2:

September 2002 – March 2005

Initial Construction Schedule: 20 Months Built Schedule: 24 Months

(Grand Opening April 2005)

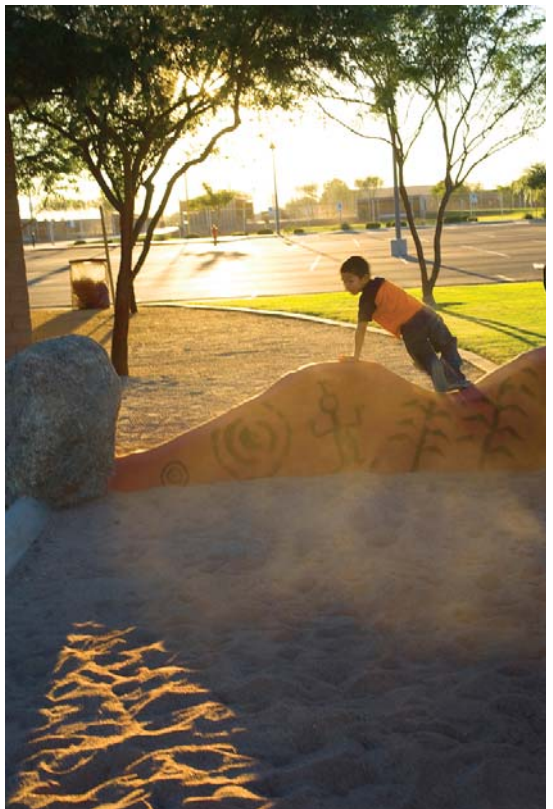
Project Owner: Town of Queen Creek

Contact: Rich Purcell: 480- 748-3807

J2 staff served as the project manager and principal involved in managing the diverse team of professionals who provided professional services to the Town of Queen Creek for the 35 acre Desert Mountain Park. J2 provided master planning design services that included extensive public involvement and outreach, coordination with the Town's steering committee, and eventual presentation to and approval of, the master plan from the Town Council. J2 completed the development of construction documents for the park, including all civil engineering and landscape architecture aspects of the park design.

Desert Mountain Park was designed to be the active sports complex for the Town of Queen Creek. The site design beautifully accommodates two lighted soccer fields, a championship four-plex softball/little league baseball diamond complex, along with sufficient parking for these activities. Additionally, two restroom concession buildings, two restroom buildings, a maintenance building and storage yard were included. Equestrian parking and trail access for the extensive multi-use trail system was created, as were facilities and space for a public events area, a small amphitheatre, and a desert botanical garden area. Basketball courts, sand volleyball courts, group and individual picnic ramadas, a tot lot play area and an adventure play area complete the design for Desert Mountain Park.

The civil engineering aspects of the project included all water and sewer line extensions, paving, grading and drainage plans, along with striping and signage plans. Storm water retention and basin design and the creation of an on-site drainage report were also provided by J2. Coordination was required to ensure proper tie-in locations to a proposed sanitary sewer that will be constructed for a sub-division to the south of the project. Final plans for the infrastructure portion of the project were completed, including all grading, drainage, water and sanitary sewer design. In addition, project offsite improvements included ½ street improvement plans for both Ocotillo Road and Hawes Road that are both immediately adjacent to the site.





Zanjero Park

Gilbert, Arizona

Construction Cost: \$2 million

Dates of Design and Construction Administration Service by J2: June 2005 – Nov. 2007

(Grand Opening March 2008)

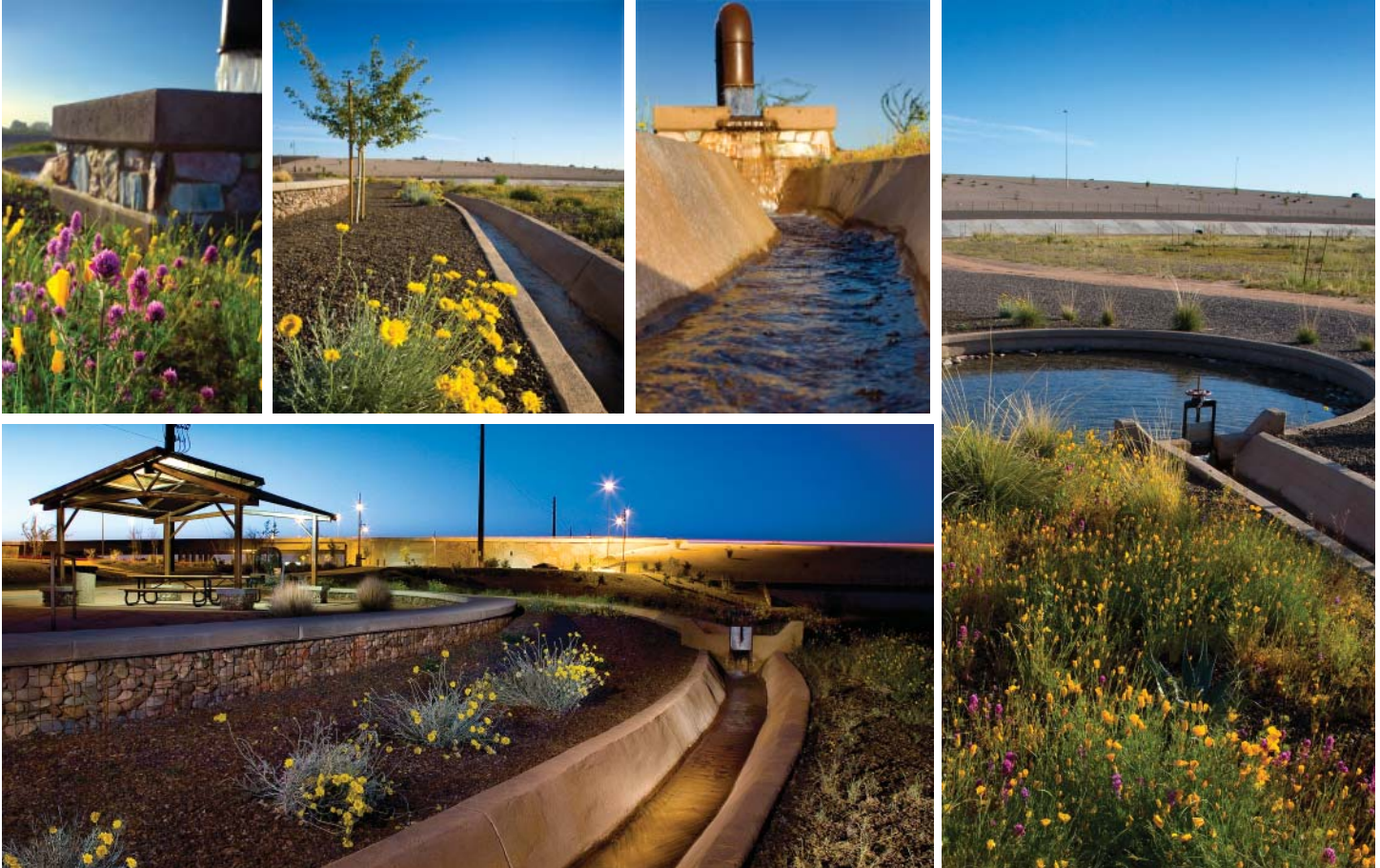
Project Owner: Town of Gilbert

Contact: Town of Gilbert (Retired) Tami Ryall (480) 273-7361

This park is unique in that it was developed through a series of separate design and construction contracts. J2 was the prime consultant and provided landscape architecture, irrigation, and drainage engineering design through out all the design contracts. This basin park serves as offline retention for the Loop 202 Santan Freeway. Zanjero Park was designed as an equestrian park for the Town of Gilbert.

Services provided for this project included the evaluation of the proposed park site and working with ADOT to develop the retention basin with the future park in mind. J2 developed a park master plan to accommodate the Town's desire to have an equestrian friendly parking lot, picnic ramadas, and a water feature to bring wildlife to the site. J2 developed design themes, administered public involvement, and created the park's final set of construction documents.

The park was designed to provide a place for equestrian trail riding. The 20 acre park has two custom designed ramada areas with horse tie ups, gabion basket seat walls, and horse troughs. There is almost a mile of equestrian trail that meanders through the contoured basin and has connections to the Santan Trail system. The design theme for Zanjero Park developed around this piece of land being a glimpse into the past. The ramadas are interpretive of old hay barns, there are mesquite bosques planted along water harvest swales, a large portion of the basin was planted with a native wild flower and grass seed mix. The water feature is reminiscent to a stand pipe and turnout structure delivering water through an old irrigation ditch and a series of slide gate weirs that wind their way to the bottom collection pond.





Rodeo Park Event Center - Master Plan

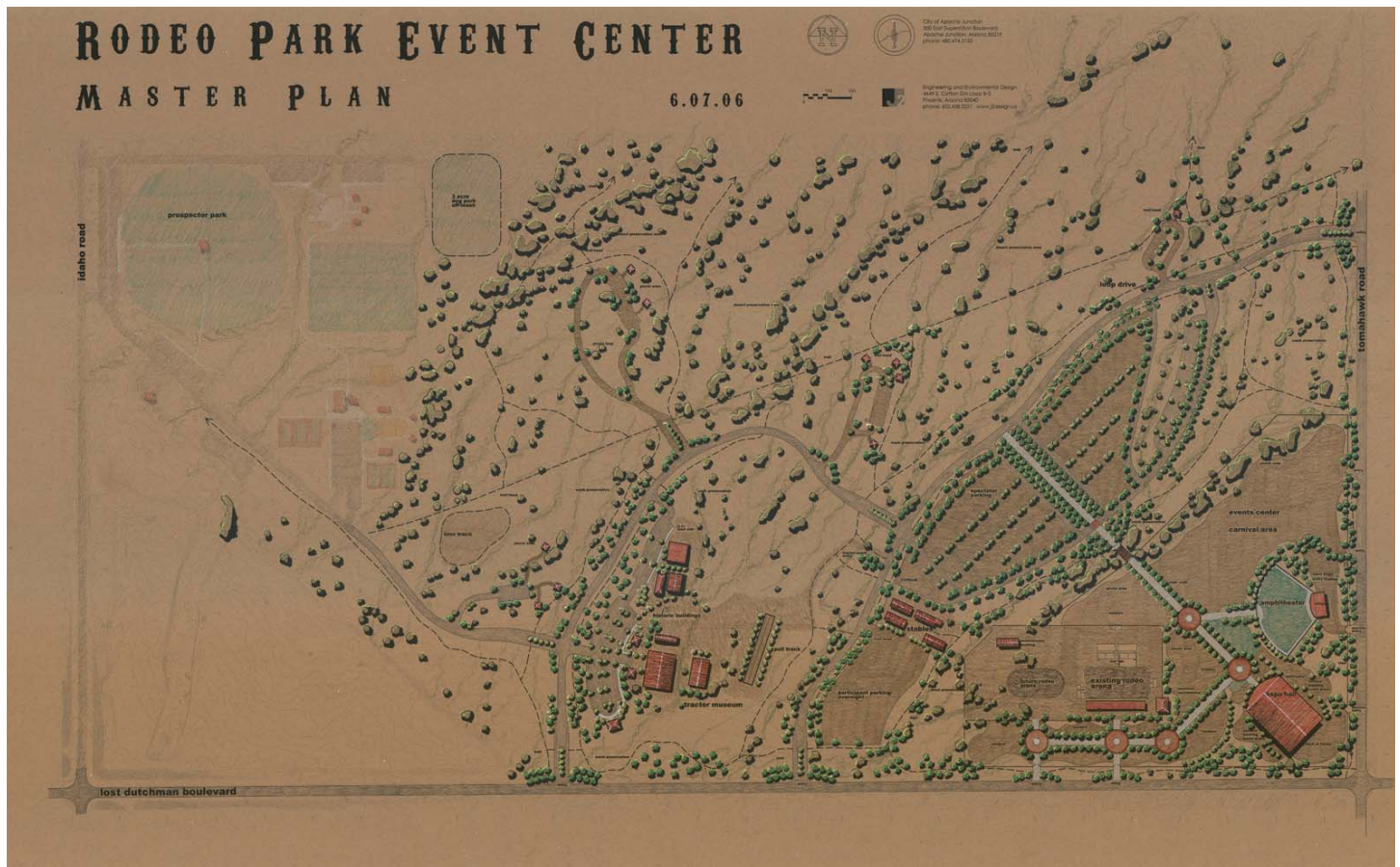
Apache Junction, Arizona

Construction Cost: \$22.6 million (estimated)
Dates of Master Plan Service by J2: Jan. 2006 – July 2006
Project Owner: City of Apache Junction
Contact: Jeff Bell 480-474-5150

The Apache Junction Rodeo Park Event Center, comprised of 330 acres, is located at the northwest corner of Tomahawk Road and Lost Dutchman Boulevard within the City of Apache Junction. The event park has evolved through many volunteer and public efforts throughout the years. This site offers the potential to become a major destination for the City of Apache Junction and its citizens.

The City of Apache Junction recognized the needs of the community are growing in conjunction with the population growth. In addition to increased demand for an equestrian and exposition center, the continued ability to host large events such as the Lost Dutchman Days and the annual Superstition Mountain Antique Tractor and Engine Show has become more difficult with the limited current facilities. The City commissioned this Master Plan to accommodate needed expansion for the aforementioned events. This Master Plan defines a logical facility retrofit, expansion and construction program. In developing the Master Plan for The Rodeo Park Event Center, the planning process incorporated review of preliminary site data and recreational planning input provided by the City of Apache Junction combined with J2's park master planning process.

Services provided for this project included the evaluation of the proposed rodeo event park site and working with the City and its User Groups to develop the master plan with the future park in mind. J2 developed a park master plan to accommodate the City's desire to have an equestrian friendly parking lot, picnic ramadas, and a water feature/corridor to bring wildlife to the site. J2 developed design themes, administered public involvement, and created the park's final master plan and master plan report document.





Horseshoe Park and Equestrian Centre

Queen Creek, Arizona

Construction Cost: \$17 million

Dates of Design and Construction Administration Service by J2: June 2005 – Jan. 2009

(Grand Opening January 2009)

Project Owner: Town of Queen Creek

Contact: Troy White 480-358-3746

J2, as the prime consultant, managed the diverse team of professionals that provided design and construction services to the Town of Queen Creek for the Horseshoe Park and Equestrian Centre which is comprised of 38 acres and located near the intersection of Ellsworth Road and Riggs Road within the Town of Queen Creek. The park master plan design has evolved through many public open houses, committee meetings, and public efforts throughout the years. This site now offers a major destination for the Town of Queen Creek and its citizens..

J2 worked closely with the Town, Town Committees, and its User Groups to develop an overall master plan with the future equestrian park in mind. J2 developed a park master plan and phasing plan to accommodate the Town's desire to have an equestrian friendly park, which included Phase IA - This stage of the project includes developing the 38 acres as an equestrian event center, with two lighted arenas (one covered), two lighted warm-up rings, 100-stall barn with attached restrooms and showers, holding pens and chutes, wash rack, spectator and contestant parking, vendor hook-up areas, offices, maintenance facilities, restroom/concession building, multi-use space, and overflow parking lot; Community arena area includes lighted arena, round pen, and concrete building restroom. Phase IB - This phase will include an administrative office, full kitchen, concessions, two additional 100-stall barns, warm-up ring, wash rack, holding pens and chutes. Phase II - The conceptual master plan for this stage of the project is to be built in future years. This part of the conceptual plan includes playground equipment, trails, picnic areas, trail nodes with picnic tables and a mountaintop sitting area.

Services provided for this project included master planning the entire 126 acre parcel which include 88 acres of landfill, and 38 acres of equestrian park portion. J2 developed a master plan to accommodate the Town's desire to have an equestrian based facility and to promote the rural lifestyle in the southeast valley . J2 developed design themes, administered public involvement, and created the park's final master plan and master plan report document. J2 developed design themes, administered public involvement, and created the park's final master plan, construction documents, and construction administration.



HORSESHOE PARK AND EQUESTRIAN CENTRE
MASTER PLAN

9.21.09





West World

Scottsdale, Arizona

Construction Cost: \$5.5 million

Dates of Design and Construction Administration Service by J2: July 2007 – September 2007

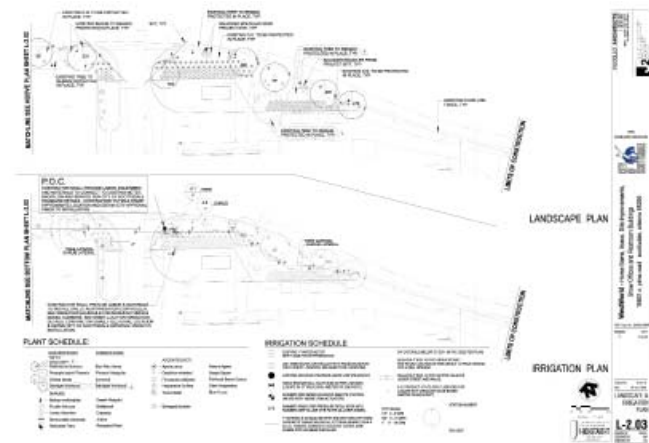
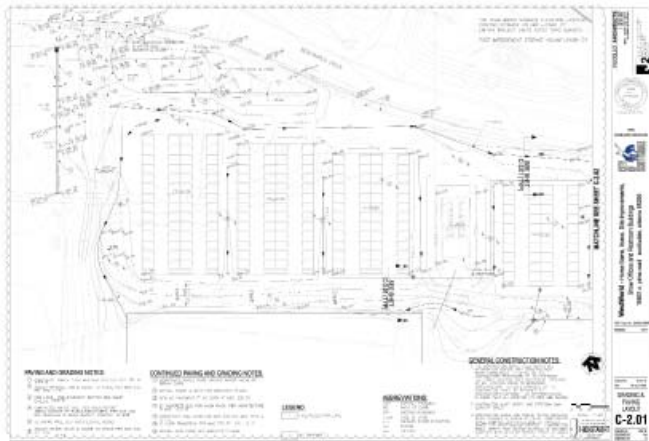
Project Owner: City of Scottsdale

Contact: Dave Lipinski (480) 312-2641

West World is located within the City of Scottsdale and is comprised of approximately 120 acres which are available for a array of uses and events. This project consisted of updating the current West World Equestrian facilities, landscape, and communication utilities.

J2 was a sub-consultant and provided landscape architecture, irrigation, drainage and civil engineering design for six permanent horse barns, three new show office buildings, one restroom building, and a new telecommunications building within the existing West World facility. J2 developed planting, irrigation, drainage and civil construction documents for these amenities and the surrounding landscape areas within the West World facility.

The new permanent horse barns will be (48) forty-eight, 10' x 12' stalls in each barn. These horse barns have similar characteristics to the existing permanent horse barns located south of the Wendell Arena and Arena 4. The existing A-Frame building will be demolished in order to allow space for constructing the new permanent horse barns. The A-Frame building contains the main telecommunications system for all of West World facilities. A new telecommunications building will be relocated and built to hold the equipment as the first phase of this project. The project also includes the design of a new show office and restroom building near the Equidome. The existing show office is to be demolished and then construct a new 800 square foot Show Office near the Equidome and construct a new restroom building near the south pad of the Equidome with design features to match the existing restroom facility south of the Tent. Also included is the demolition of two existing Show Offices and construct a new 300 square foot Show Office north of Wendell Arena and construct a new 650 square foot Show Office at Arena 5.





Vaughn Avenue Parking Structure

Gilbert, Arizona

Construction Cost: \$7 million (estimated)
Dates of Design Service by J2: May 2008 – Current
(Design estimated completion date November 2009)

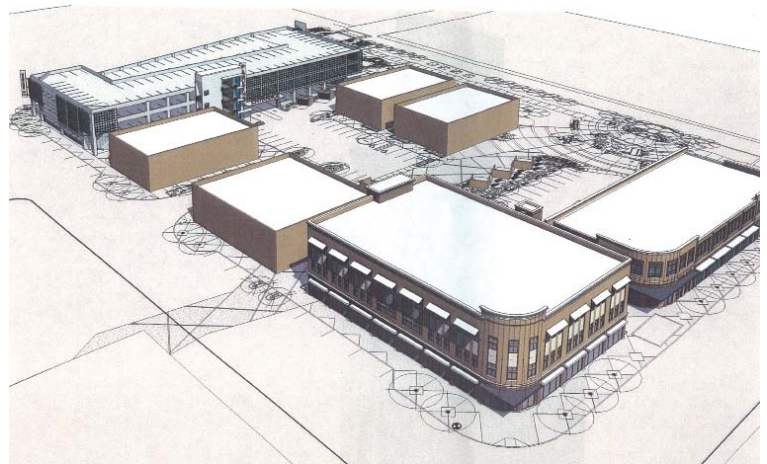
Project Owner: Town of Gilbert

Contact: Town of Gilbert (Retired) Tami Ryall (480) 273-7361

This will be the first parking structure for the Heritage District of downtown Gilbert. This important piece of infrastructure is being implemented in conjunction with the Heritage Marketplace Development. The parking structure will not only serve the commercial office/retail development but will also serve the existing theater, restaurants, parks, and other amenities that are currently in the downtown area. Through the Town's foresight of building this structure now, it has the ability to act as an economic spring board for future development while being able to serve the current and future demand of parking.

The parking structure is being designed as a four level structure with a police substation and restroom building on the bottom floor. The structure is bounded on the north by the Western Power Line Trail Park, re-aligned Ash Street to the west, Vaughn Avenue to the south, and the Heritage Marketplace development to the east. The structure design pays special attention to its surrounding edges and blends into the park setting through extensions of plazas, adds life to the street frontage on Vaughn Avenue, and offers shared use with the commercial development.

J2 is serving as a subconsultant to Transystems on the project providing Landscape Architecture, Irrigation Design, and Urban Design for the project.





Heritage Marketplace

Gilbert, Arizona

Construction Cost: \$10 million

Dates of Design Service by J2: November 2007 –Current

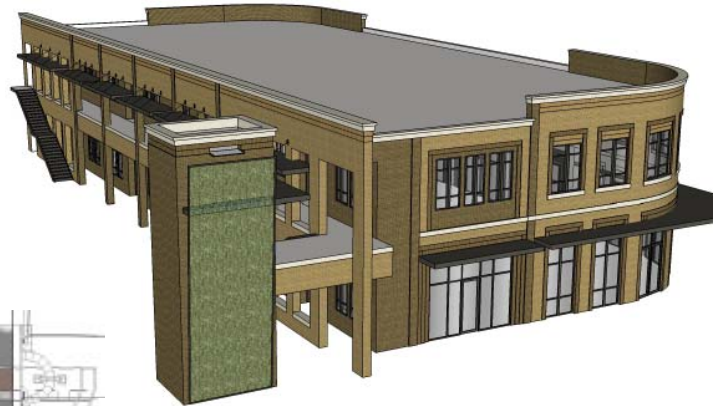
(Design estimated completion date October 2009)

Project Owner: Heritage Marketplace, LLC

Heritage Marketplace is a community-oriented, mixed-use development that provides the Heritage District and the Town of Gilbert with destination retail, restaurant facilities and Class A commercial office space. This project will enhance Downtown Gilbert’s expectation as a vibrant and desirable place, not only for citizens of the Town of Gilbert, but it will also be a popular destination for the entire southeast Valley,

Programmatically, the proposed project is a combination of specialty retail, destination restaurant, and Class A commercial office space. The three-story signature office building has been placed on the corner of Gilbert Road and Vaughn Avenue to create a lively, urban, pedestrian-focused corner. A two-story flex building planned for the northeast quadrant of the block will have storefront focusing on Gilbert Road, the Western Power Line Trail Park and its water features. Four additional pads, two fronting the park and two fronting Vaughn Avenue will be developed in the future. A pedestrian corridor/outdoor plaza space will be created between the buildings fronting along Gilbert Road and the remaining pads. This corridor will serve to link the Western Power line Trail Park to the Water Tower Park to the south and the remaining Heritage District, while at the same time create an opportunity for outdoor retail, gathering space, and events that will enhance the pedestrian experience.

J2 is providing Landscape Architecture, Irrigation Design, Urban Design, Civil Engineering, and Drainage Engineering for the project.





SR 303L Happy Valley Road to Lake Pleasant Parkway

Peoria, Arizona

Construction Cost: \$110,000,000

Dates of Design Service by J2: October 2007 to November 2008

Project Owner: Arizona Department of Transportation

Contact: Zitao Fang 602-712-8476 or Leroy Brady 602-712-7357

The Project Team was tasked with the design of a new section of the SR 303 loop project. The 8 miles of freeway traversed through native desert and required a complete plant material inventory and salvage plan of all trees, cacti, and shrubs throughout the project site along with replanting, erosion control, freeway sleeving and irrigation point of connection plans for the project.

J2 served as the project Landscape Architect in charge of design of erosion control plans (SWPP), plant inventory and salvage plans, and irrigation point of connections. Unique to this project was the salvaging and relaying of the existing "desert pavement" which helped to solidify the natural and native desert feel of this transportation corridor.





Wall Aesthetics

Avondale, Gilbert, and Scottsdale, Arizona

Project Owner: Arizona Department of Transportation

Contact: Dan Davis, City of Avondale 623-333-2411 Town of Gilbert (Retired) Tami Ryall (480) 273-7361

J2 has formed a unique niche in developing public art through the manipulation of concrete. J2 has worked closely with municipal agencies to develop conceptual ideas and themes for use in adorning bridge abutments, sound walls, bridge piers, and retaining walls. J2 takes the project from concept generation, through public involvement, development of construction documents, and finishing with construction observations.

The City of Avondale wanted to celebrate the City's unique heritage including the wetlands associated with the Tres Rios River restoration project, a river that served as one of the City's foundations and a look towards the future with its current and growing interest in motor racing. Each of these unique themes was represented through the unique designs created by J2 to enhance all vertical and horizontal elements associated with a freeway widening project. The theme developed for the 107th Avenue Bridge reflected several key elements including the racing heritage associated with the City of Avondale and its on-going development of its race track and the new automotive college and automotive based commercial development associated with the 107th Avenue intersection. A ¼ mile long sound wall utilized the Agua Fria River, that is and was vital to the development of the City of Avondale, as its theme. J2 created a unique wall pattern and wall attachments to reflect this through the use of dragonfly wing attachment and reed grasses reflected in the wall patterns.

The Town of Gilbert hired J2 to assist them in the creation and development of the wall aesthetics that adorn the traffic interchanges and bridge structures through out the SR 202L Santan Freeway. With Gilbert's strong ties to the railroad and their agricultural past they wanted to celebrate this theme through the freeway corridor. J2 developed conceptual designs, construction documents, and specifications for train based graphics that appear on all the wing walls along the corridor. Because of the freeway alignment, the existing Greenfield Road alignment was shifted to the west and renamed Santan Village Parkway. With this realignment came a roadway that had to go under the existing Union Pacific Railroad tracks and 20 foot tall retaining walls. A public artist developed conceptual sketches of various historic train images, J2 developed those sketches into construction documents that allowed those images to be cast into the retaining walls creating one of the most unique roadway in the state.

J2's design staff served in the capacity of project management and was responsible for developing, as part of a design team composed of a public artist and a local architect, the aesthetic treatment that was to be incorporated into each SR 101L Pima Freeway structure located within Scottsdale from Via Linda Drive to Scottsdale Road. This work included development and design of the overall concept for each structure including drainage channels, retaining walls, sound walls and bridges, intensive public involvement, production of the construction documents and cost estimates and close coordination with ADOT, the consulting engineers, and the City of Scottsdale.





Irrigation Design

Project Owner: Various Agencies Throughout Arizona

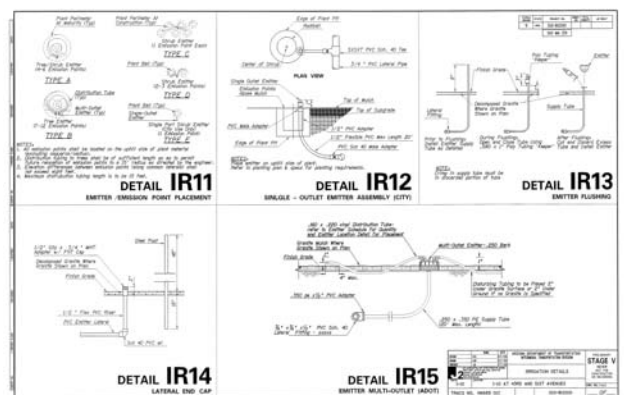
Proper irrigation design and water resource management is critical to have a landscape survive and flourish. The professional irrigation consultants at J2 incorporate the latest design methods and equipment technology to provide our clients with practical and cost effective solutions to their individual project requirements. J2 offers a full range of irrigation design services including, turf irrigation, drip irrigation, pump station design, irrigation auditing, and construction supervision.

The J2 staff combines years of design and construction experience with training in irrigation design, commercial and public irrigation design, and irrigation auditing. Staff members hold multiple irrigation certifications including:

- EPA Water Sense Partner
- Irrigation Association - Certified Irrigation Designer for both Commercial and Golf Course
- Certified Irrigation Contractor
- Certified Landscape Auditor
- Certified Golf Irrigation Auditor

J2 irrigation design solutions promote good water stewardship through careful component selection and design techniques that provide the landscape with the correct amount of water without waste. J2 staff works with the client's maintenance personnel to standardize and ensure the equipment choices for a given project are compatible with existing components and systems. Listed below are some of the items we include in our systems to ensure your project exceeds your expectations.

- Design system to provide the most efficient and uniform distribution of water through careful component selection and appropriate layout
- Utilize pressure compensating emitters to even the flow rates within the system and minimize water waste
- Custom design the emitter flow rate to each individual plant species for its unique requirements
- Utilize water measurement / monitoring equipment to detect flow volumes and shut down the system if overflow volumes are detected
- Place valves and heads in a manner that group emitters by type, plant material, exposure and slope rate
- Include rain sensors to shut down irrigation during rain events to minimize water waste
- Design systems with appropriate irrigation controllers that enable central location monitoring, Evapotranspiration (ET) programming, or Smart Water Application Technology (SWAT)
- Experience providing LEED documentation and achieving Water Efficiency credits





Southwest Valley Regional YMCA

Goodyear, Arizona

Construction Cost: \$5 million

Dates of Design and Construction Administration Service by J2: October 2003 - April 2005

(Grand Opening April 2005)

Project Owner: Valley of the Sun YMCA

Contact: Ron Sites 623-935-5193

The Southwest Valley Regional YMCA is a 30,000 square foot project that is directly associated and integrated with a high school pool facility along with the regional YMCA in the City of Goodyear. The facility serves more than 5,000 families in the greater southwest valley area with a state of the art fitness center, multi-purpose building, locker rooms, meeting rooms, a rock climbing wall, a pedestrian bridge and an Olympic size competition pool.

J2 was a sub-consultant to the Tempe Arizona based Architectural firm Architekton. J2 design services included the general civil engineering design including but not limited to paving, grading, drainage, water and sanitary sewer improvements for the six acre site. The site was developed through two design and construction phases/contracts utilizing the Construction Manager at risk method. Responsibilities included preparing the construction documents, coordinating with the architect and mechanical engineers, preparing the drainage report and obtaining approval from the City and various utilities such as the Litchfield Park Service Company.

Photos by Architekton





Ahwatukee Foothills Family YMCA

Phoenix, Arizona

Construction Cost: \$2 million

Dates of Design and Construction Administration Service by J2: November 2007 - Present

(Construction Underway)

Project Owner: Valley of the Sun YMCA

Contact: Connie Nelson-Askew 480-759-6762

The Ahwatukee Foothills Family YMCA is currently an existing 33,000 square foot state of the art facility.

J2 was a sub-consultant to the Tempe Arizona based Architectural firm Architekton. J2 was responsible for the civil design for an expansion which includes 13,000 square foot of additional teen center, toddler/pre-school and fitness suite facilities including a tot-turf surface children’s play area. The design consisted of preparation of the site demolition and grading plans along with the upgrade of water, sanitary sewer, and fire line services to accommodate the increase in the building footprint.

Photos by Timmerman Photography





Water Tower Plaza

Gilbert, Arizona

Construction Cost: \$2.3 million

Dates of Design and Construction Administration Service by J2: December 2006 - January 2009

(Grand Opening November 2008)

Project Owner: Town of Gilbert

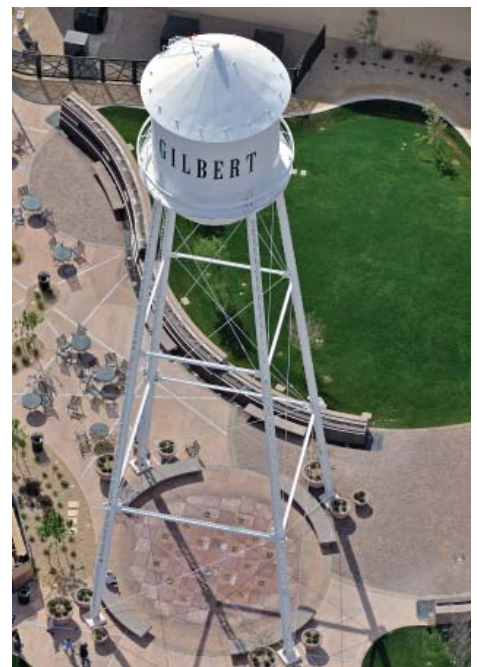
Contact: Town of Gilbert (Retired) Tami Ryall (480) 273-7361

This .70 acre urban plaza is located in the heart of the Town's historic Heritage District. The plaza site sits under a 120 foot tall water tower constructed in the 1920's. There is also a historic adobe pump house on the site that served as the Town's first jail. Both the water tower and pump house remain icons of the Town of Gilbert. This plaza is the beginning of a revitalization of the Heritage District and downtown Gilbert. It is the beginning of a series of connected urban plazas, pocket parks, pedestrian corridors, and open spaces within the downtown area that will provide a vital link connecting residents, visitors, and working commuters to emerging mix-used developments.

The project included extensive public involvement and master planning efforts for the development of this plaza. A major challenge was gaining consensus from the citizens on a single vision for the plaza. The water tower holds an immense sentimental significance to the Town, the residents, and business owners in the Heritage District. The design team worked to incorporate over ten years of previous planning and reconcile five different previous design approaches for this unique urban plaza. The team's goal was to combine the designs of the past with the desires of the future. Through a series of public meetings, the design team was aided in reaching consensus through the use of Arizona State University's Decision Theater who helped to create 3D models that allowed the public to do a virtual walk through of the future plaza prior to a single shovel of dirt being turned.

The plaza consists of four different water features, outdoor stage/gathering area, an informal turf amphitheater, tables and chairs, historical interpretation signage, and numerous trees for shade. The plaza theme is based around celebrating the past and imagining the future. One of the design team's internal goals was to relate the plaza space to the looming presence of the immense tower. One way this was accomplished was through mimicking the structural attributes of the tower in other site features such as bike racks, benches, entry monuments, and water features. Hardscape was enhanced with pavement patterns that reflect the shadow pattern cast by the tower's structure and guy wires. A circular ground spray water feature was introduced at the base of the tower, reflective of the storage tank immediately above. A black granite sphere floats on a cushion of water at one corner of the site across from a future potential mixed-use development site, a contemporary feature, to inspire the community of what the future holds. Spanning above the sphere is a steel runnel, a celebration of the past. The runnel is reflective of the tower's open box girder legs and incorporates valves and fittings from the original tower pumping equipment.

Water Tower Plaza was constructed via the Construction Manager at Risk process.





Glendale Park and Ride

Glendale, Arizona

Construction Cost: \$11 million

Project Owner: City of Glendale

Contact: Robert Knighten 623-930-3632

The project known as the Glendale Park and Ride is one of many efforts by the City of Glendale to improve commuting in the west valley and the region, as well as a refocusing of efforts towards being better stewards of the environment. This facility is the Valley's largest Park and Ride, and serves as a regional Park and Ride facility pulling users from the entire west valley. This park and ride will serve as a link to express route bus service, coupled with local bus service as well as car pooling on the adjacent 101 Freeway and as parking for the adjacent Cardinal Football Stadium. This projects purpose and intent are directly bound to improving the quality of life for the entire valley by providing that alternative transportation that has for so very long been missing in our southwest public vernacular. The design philosophy, which was promoted by the landscape architect, revolved around a focus on environmental stewardship. That focus covered every aspect of the project and involved a rethinking about the ground plane under the plants, under the cars, to the shade canopies and placement of trees throughout the site to directing and funneling storm water to water garden areas. This philosophy that was promoted by the landscape architect permeated every discussion and every aspect of the project creating a benchmark from which to review each element on the site.

The landscape architect served as a sub-consultant on this project and wore multiple hats. At the beginning the multi-disciplined design team was only focused on maximizing the number of stalls while sustainability was initially viewed as the new buzz word when the project began design in 2006. The initial thinking of pursuing a sustainable point of view relative to the overall design intent of this project was brought to the table by the landscape architect. This was initially met with interest but a good deal of skepticism as well. The skepticism was a result of very few large scale examples of the use of pervious pavement available to the team to review. The landscape architect scheduled several field trips with the City and the design team to review examples of various porous pavement designs. These field trips with City officials in tow included a review of gravel pave parking, CMU open celled granite filled block parking, and a small parking lot at ASU that was using a new product called porous pavement. Without the landscape architect taking the lead on gathering and disseminating information to the team about each of these products and establishing the field trips and presentations by various manufacturers the exposure to the variety of pavement types available to the team would never have been explored. In addition to the review of pavement types the environmental ethic that





Grande Sports World at the Casa Grande Sports Complex and Performance Institute

Casa Grande, Arizona

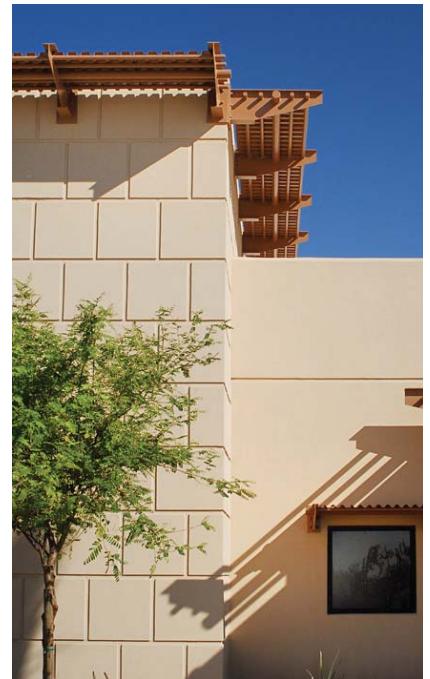
Construction Cost: \$19 million

Dates of Service: January 2009 to March 2010

Project Owner: City of Casa Grande

Contact: Larry Rains 520-421-8644

The Grande Sports World at the Casa Grande Sports Complex and Performance Institute is a 50 acre multi-use sports complex and athletic training facility located adjacent to the Historic Francisco Grande Resort in Casa Grande, Arizona. The complex is the Western US Training Facility for the UFL (United Football League) California Redwoods and Las Vegas Locomotives, with capacity to house four full professional football teams. In addition to American football the complex is also host to four MLS (Major League Soccer) professional soccer teams for training and development. When not in use by professional sports teams, Seattle Sounders, Real Salt Lake, Vancouver Whitecaps and Colorado Rapids, for training camp. The complex is the home to the Grande Sports World a world class state of the art sports training and rehabilitation facility. The Facilities include three multi-use high performance natural turf panels which accommodate nine (9) NFL football fields and nine (9) FIFA/NCAA soccer fields, 58,000 square foot building with four (4) locker rooms/offices/meeting rooms/ weight room/community recreation center, nineteen (19) tennis courts, hydro-therapy pools, 750 parking spaces, ramadas/shade covers, landscaped areas, paths, site lighting, landscape and irrigation and a 2 acre irrigation reservoir with pump station for irrigation and fire suppression.





Sky Harbor Automated Train

Phoenix, Arizona

Construction Cost: \$330,000,000 Estimated (excludes Train System and Soft Costs)

Dates of Service: January 2009 to Current

Project Owner: City of Phoenix

Contact: Mark Pilwallis - Gannett Fleming, Inc. 602.683.3826

The Sky Harbor Automated Train, known as the PHX Sky Train, is a crucial link in reducing airport congestion from automobile traffic. The train will link to the Metro Light Rail station at Washington Street and 44th Street and provide transportation all the way to Terminal 4, by way of the East Economy Lot. Later phases of the train will continue its path all the way to the new Rental Car Center. As a subconsultant on the project J2 was responsible to inventory all proposed construction areas and provide the CMAR contractor inventory and salvage plans. This is in addition to the landscape and irrigation designs that accompanied the renovated East Economy Lot (EEL), new EEL Station, and the new 44th Street Station.

The new station at the EEL extends from the two existing parking structures. The area between these garages has been converted from a vehicular pass through to a pedestrian plaza that has been dubbed "The Canyon." The plaza consists of various colors and finishes of concrete that evoke images of a desert canyon's eroded floor. Both the hardscape, lighting, and landscape elements have been organized to provide instric way-finding, allowing patrons to get from the garage entrances to the station with minimal signage. A unique plant palette of shade and drought tolerant plants was developed in order to tolerate the immense shade in the space between the garages that is created by the train system's overhead guideway structure.

The new station at 44th Street is a unique blending of modern architecture grounded by the geometry and cultural influences that surround the site. The adjacent Grand Canal and Pueblo Grande offer influences of bringing water to the desert and the rich cultural history of the Native Americans and their unique iconization. The station landscape portrays bands of Sonoran Desert plantings which showcase the vibrancy of colors in the desert palette, the entry drive portrays the lushness of the desert through masses of desert adapted grasses, a sea of green. The sea of green at the entry is broken up with Desert Shelves. These Desert Shelves are hardscape plains that radiate out like a woven basket showcasing peices of flagstone in the tans, golds, and reds Arizona's Canyons.





South Arizona Avenue Corridor Improvements

Chandler, Arizona

Construction Cost: \$9,300,000

Dates of Service: February 2009 to Current (October 2010)

Project Owner: City of Chandler

Contact: R.J. Zeder, 480-782-3000; Gina Ishida-Raybourn, PE, 480-782-3349

J2 was responsible for the landscape architecture services for this City of Chandler Improvement Project, which included planning, design guidelines, hardscape and planting design, irrigation design, lighting aesthetics, aesthetic theming and coordination with the Chandler Arts Commission and six artists. The South Arizona Avenue Entry Corridor Improvement Project was developed to give downtown Chandler a more pedestrian-friendly urban environment - a destination for a "live-work-play" atmosphere. The project improvements enhanced the downtown area and enhanced Chandler's "sense of place". A major accomplishment was the thematic interconnectedness created between Frye Road and Chandler Blvd. J2's design built upon the existing Historic Square and extended the themes throughout the downtown corridor. Reduced pedestrian crossings and improved ADA accessibility better weave together the east and west sides of Downtown. The hardscape design focused on widening sidewalks to provide a safer pedestrian walking environment and also providing northbound and southbound bike lanes along Arizona Avenue, while maintaining 4 lanes of vehicular traffic.

The aesthetics included an elegant paver design in the sidewalk areas, accented by curving bands of colored recycled-glass concrete paving. The blue, green, and amber colors of the recycled glass were chosen based on Chandler's history, and pay tribute to the elements of canal water, agriculture and soil which have played such vital roles in Chandler's agricultural history. The planting design, including 170 low water-use trees, will provide abundant shade for pedestrians strolling the corridor. The project also provided many seating opportunities through the use of seatwalls, benches, chairs, and tables, designed in several configurations. Public art has also been incorporated into the hardscape design through the use of custom designs by six artists, which will be on display on the many seatwalls and lighted art display pads along the corridor. The project design intent was to achieve environmentally friendly solutions, which included utilizing LED lighting systems, the re-use of existing site furnishings, the salvaging of healthy existing trees, and the use of recycled glass in many of the paving areas.





Galveston Street Pedestrian Bridge & Entry Plazas

Chandler, Arizona

Construction Cost: TBD

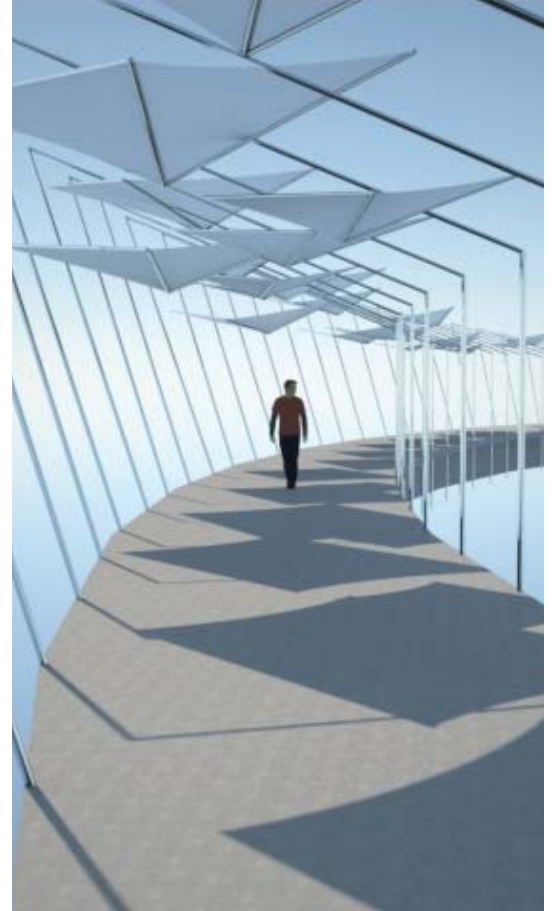
Dates of Service: February 2009 to Current (October 2010)

Project Owner: City of Chandler

Contact: Dan Heller, 480-968-8814, Hafiz Noor, 480-782-3324

J2 worked as a sub-consultant to TY Lin International to develop bridge aesthetics, in conjunction with Public Artist Laurie Lundquist, for the City of Chandler's first Pedestrian Bridge. The Bridge is located at the Galveston Street Alignment over the Loop 101.

The theme of "Flight" was used as the main inspiration for the overall design of the bridge, incorporating elements from Chandler's high tech corridor, nearby Chandler Airpark, and the Model Airplane RC range at adjacent Thude park. The bridge path will curve and the barrier fencing will shift in heights to add a sense of movement to the bridge. The bridge is designed with simple, industrial materials that will help to lighten the overall appearance of the bridge. In addition to bridge aesthetics, J2 was also responsible for 3D renderings, and preparation of landscape, hardscape, and irrigation construction documents.





Dust Devil Park

Phoenix, Arizona

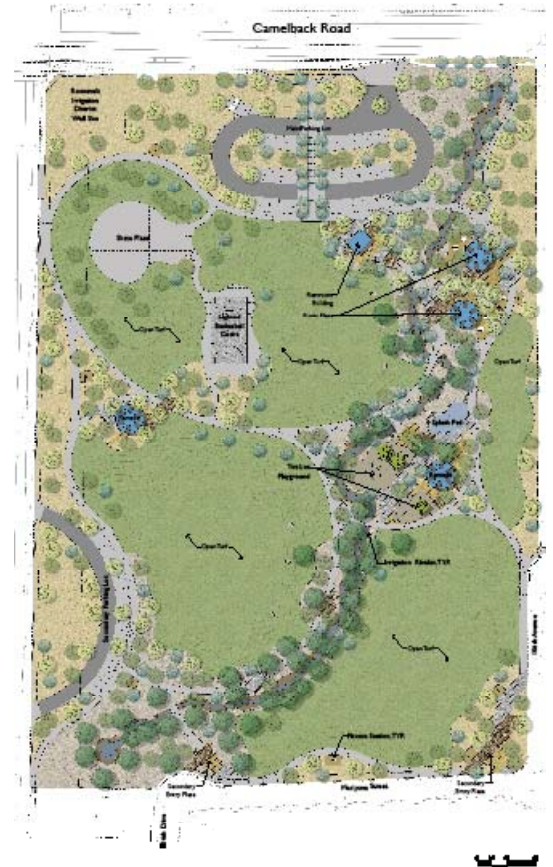
Construction Cost: \$ 4.3 Million

Dates of Service: January 2010 to October 2012

Project Owner: City of Phoenix

Contact: Walt Kinsler, RLA (Retired) (623) 882-7959; Jarod Rogers, RLA (602) 534-1089

Dust Devil Park is approximately a 14 acre neighborhood park with an estimated construction budget of \$4.3 million dollars. Project off-site improvements will include roadway improvements, signing and striping, street lighting, water and sewer line extension to the site, power delivery to the site, off-site drainage analysis, and utility coordination. The open channel ditch running along the west edge of the project site which belongs to Roosevelt Irrigation District (RID) will be converted to a closed conduit. On-site improvements will include two parking lots, site lighting, open turf play areas, landscaping, restroom building, splash pad, playground with shade structure, basketball courts, skate plaza, ramadas, a picnic plaza, and pathways. The site lighting will be energy efficient LED lighting. The open turf play areas will serve the purpose of on-site retention and will have flood irrigated bottoms with and automatic sprinkler system irrigated into the side slopes. The City had established a goal of 25% tree canopy coverage for the overall park site, the design provided approximately 28%. There will be several custom ramadas around the site. These ramadas will be fitted with Photovoltaic panels (PV) in order to generate power and feed that power back into the grid. The roof run off from these ramadas is directed into "rain gardens". The picnic plaza will be developed to offer a gathering place for various leagues that currently utilize the adjacent school's field facilities and will also be using the park site. Concrete pathways will be developed throughout the park linking all of these facilities. The pathways will be designed so that measured exercise routes and "laps" can be established by park users. The entire park has been developed on portraying the relationship of the adjacent Agua Fria River. The flood irrigation of the park has been turned into a central "irrigation rivulet" feature of the park with riparian plants surrounding it. Plaza pavings throughout the park utilizes colored and textured concrete to portray the various layers of silt, sand, and soil that would be encountered along a river bed.





Scotland Yard Park

Peoria, Arizona

Construction Cost: \$1.4 Million

Dates of Service: October 2009 to September 2012

Project Owner: City of Peoria

Contact: Karl Zook (623) 773-7212

J2 was the prime firm leading a design team for Palo Verde Park. J2 provided professional services for master planning, thematic design and 404 permitting, as well as the development of construction documents and construction observation for this 4 acre neighborhood park within the City of Peoria. Palo Verde Park, located in Northwest Peoria, has a unique history, which, along with the archeological concerns of the site, played a major role in the new design. Design elements included the preservation of archeological sites and the existing wash areas, while making space for a creative play area with a shade canopy and a lighted basketball half-court. J2 also designed restroom facilities, parking areas and picnic ramadas. Further components included a Sonoran overlook, hiking trails and an open turf area all the while being sensitive to desert re-vegetation concerns and landscape and irrigation needs. The landscape for Palo Verde Park seamlessly blends with the surrounding desert by incorporating a native planting palette and utilizing desert pavement collected from the site. The park serves as the western trailhead for the recreation area and as a hub for regional trails.





Palo Verde Park

Peoria, Arizona

Construction Cost: \$1.4 Million

Dates of Service: June 2006 to October 2011

Project Owner: City of Peoria

Contact: Kirk D. Haines (623) 773-7120; Bill Beaudoin (623) 773-7125

J2 was the prime firm leading a design team for Palo Verde Park. J2 provided professional services for master planning, thematic design and 404 permitting, as well as the development of construction documents and construction observation for this 4 acre neighborhood park within the City of Peoria. Palo Verde Park, located in Northwest Peoria, has a unique history, which, along with the archeological concerns of the site, played a major role in the new design. Design elements included the preservation of archeological sites and the existing wash areas, while making space for a creative play area with a shade canopy and a lighted basketball half-court. J2 also designed restroom facilities, parking areas and picnic ramadas. Further components included a Sonoran overlook, hiking trails and an open turf area all the while being sensitive to desert re-vegetation concerns and landscape and irrigation needs. The landscape for Palo Verde Park seamlessly blends with the surrounding desert by incorporating a native planting palette and utilizing desert pavement collected from the site. The park serves as the western trailhead for the recreation area and as a hub for regional trails.





Tolleson Downtown Redevelopment

Tolleson, Arizona

Construction Cost: Estimated \$ 9.3 Million

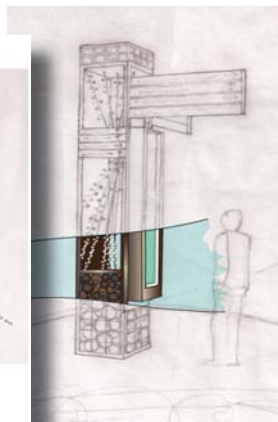
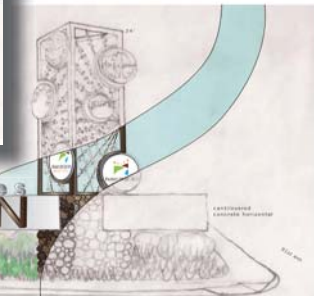
Dates of Service: January, 2012 to Present

Project Owner: City of Tolleson

Contact: John Paul Lopez, Assistant City Manager, (623) 936-7111

J2 Engineering & Environmental Design was selected to develop a conceptual design and construction documents that call for improvements in the Downtown area that will help to create a sense of place and help to revitalize the Downtown core. The overall goal is to create a “live, work, shop, and play” environment that becomes a sustainable economic engine for the City of Tolleson and its residents. The conceptual design also balances vehicular, pedestrian, bicycle, and mass transit traffic in order to develop a safer downtown that is conducive to a true multi-modal environment that will promote private investment in the Downtown area. Highlights of the conceptual design include: An overall long-term or “20-year vision” for the Van Buren streetscape from 99th Avenue to 83rd Avenue; A recommended first stage improvement project that will focus on streetscape enhancements from 91st Avenue west to 96th Avenue; and custom design for hardscape elements & sidewalk paving, open space improvements, an overall parking plan, plant materials, site furnishings, Downtown branding & logo; gateway entry monuments, pedestrian wayfinding, & art kiosk elements; and design coordination with West Valley Arts Council ‘Gallery 37’ art elements for kiosks and ‘Arte de Arboles’ art elements.

The design team is currently completing the conceptual design phase, with engineering design scheduled to begin in October, 2012.





Fiesta District Improvements

Mesa, Arizona

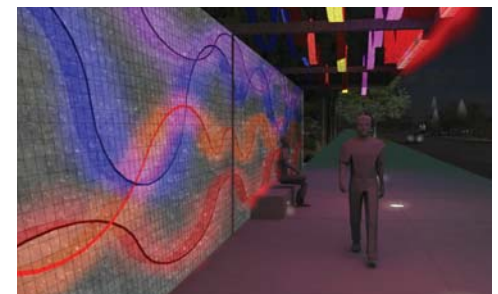
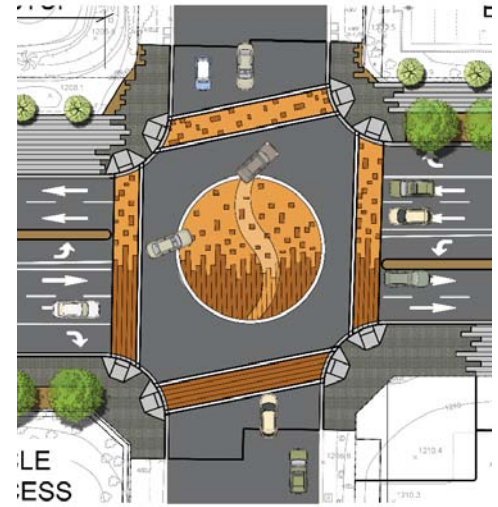
Estimated Construction Cost: \$10,000,000

Dates of Design Service by J2: September 2010 – Present

Project Owner: City of Mesa

Contact: Chris Scott, 480-644-3313; Chris Brady, 480-644-2066

The Fiesta District Improvement Project is a streetscape revitalization, placemaking, and urban design project that will be the first step in developing the District into a mixed-use pedestrian-friendly destination environment. J2 is part of a multi-disciplinary team providing design for the open space, streetscape, and urban design elements along Southern Avenue in Mesa’s Fiesta District. The project area spans 1.8 miles from the Tempe Canal east to Extension Road. The scope of work involves conceptual design, public involvement, and construction documents for this district-wide revitalization project. The design includes pedestrian enhancements, multi-modal transit concepts, site furnishings, water features, historic interpretive elements, open space development, signage and wayfinding elements, a traffic study, civil engineering improvements, and extensive stakeholder involvement. The design team is currently completing 90% construction document plans, working with a Construction Manager at Risk team.





Raymond County Park

Coconino County

Construction Cost: \$1.2 Million

Dates of Service: April 2007 to September 2010

Project Owner: Coconino County Parks and Recreation Department

Contact: Mike Connor Coconino, County Parks and Recreation Department; (928) 679-8021

J2 was a subconsultant that assisted with the master planning and final construction documents to renovate this existing 13.5 acre park site. The park was officially established in 1972, when the Raymond Foundation donated five acres of land in Kachina Village to Coconino County. The site includes Dr. R.O. Raymond's grave. Dr. Raymond (1876-1959) was a physician, stockman, humanitarian, and philanthropist who moved to Williams from Missouri in 1904, and to Flagstaff in 1909. The park now spans 13.5 acres and features a basketball court, picnic tables, a new playground, and a Bold'R wall. It connects to the Pumphouse Greenway, a popular wildlife viewing area in the springtime. The planned improvements to the park, designed in association with Coconino County parks staff, include the following new amenities: a restroom building, picnic ramadas, a swing set, a playground, a new basketball court, new paved access from Kachina Trail, picnic tables, BBQ grills, ballfield improvements, new parking lot and additional trails and sidewalks within the park.





Northern Arizona Shooting Range (NASR)

Coconino County, near Winona, AZ

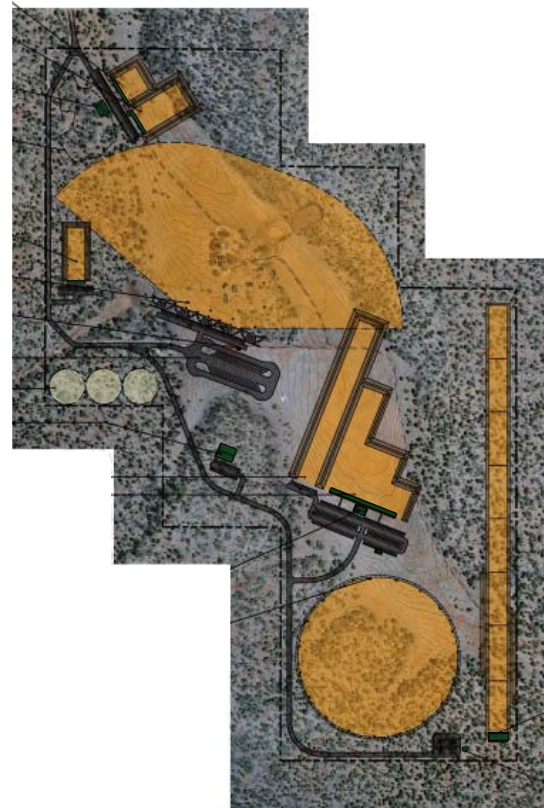
Construction Cost: \$250,000

Dates of Service: May 2011 to September 2011

Project Owner: Arizona Game and Fish (AZGF)

Contact: Chris Gunter (623) 236-7477

Located on land owned by AZGF surrounded by the Coconino forest, approximately 5 miles east of the Walnut Canyon national monument. J2 provided design and engineering services coordinating closely with AZGF staff. In addition to planning and engineering documents a baseline and built conditions acoustics study, documenting the before and after conditions and impacts to the surrounding area. The acoustics study was prepared by a sub consultant ACS. J2 prepared a site plan based upon the AZGF master plan and then provided construction documents for phase 1, (40% of the shooting elements), which have been constructed and are in use. In addition J2 prepared 60% (plus) construction documents for the remainder of the shooting elements and roadways.





Tri-State Shooting Range

Mohave County, near Oatman, AZ

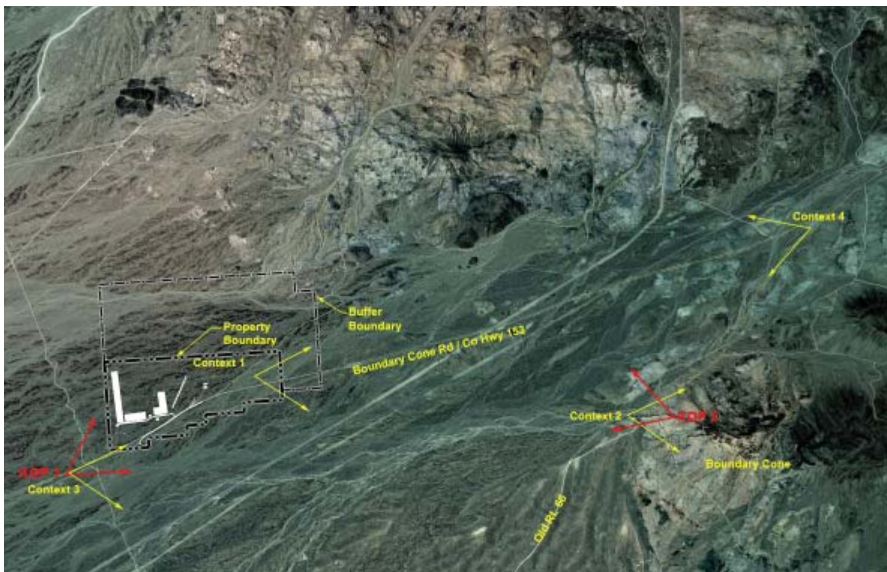
Construction Cost: TBD

Dates of Service: May 2011 to January 2012

Project Owner: Arizona Game and Fish (AZGF)

Contact: Chris Gunter (623) 236-7477

Located on a parcel of land AZGF is in the process of purchasing from the BLM. J2 prepared a POD (plan of development) and VRM (visual resource management plan) to BLM standards. Both of these documents were approved by the BLM. In addition J2 prepared 60% (plus) construction documents for the roads and shooting elements.





Copper Sky Recreation Complex

City of Maricopa, Maricopa, AZ

Construction Cost: \$20,000,000

Dates of Service: May 2012 to March 2014

Project Owner: City of Maricopa

Contact: Bill Fay (520) 316-6944

J2 Engineering & Environmental Design was the prime design consultant on the Haydon Building Corporation team for this City of Maricopa design-build project. The J2-Haydon team was selected to master plan, design, and construct this 110-acre facility, known as the Copper Sky Recreation Complex. J2 provided master planning design services that included extensive public involvement and outreach, coordination with the City's steering committee, and eventual presentation to and approval of, the master plan from the City Council. J2 completed construction documents for the park, including all civil engineering and landscape architecture aspects of the park's design.

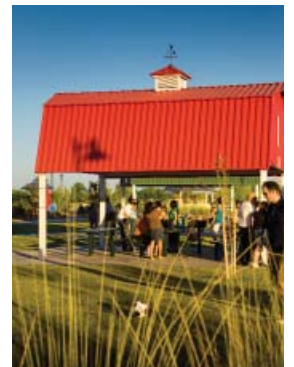
Copper Sky Recreation Complex was designed to be the active sports complex for the City of Maricopa. The site design beautifully accommodates four lighted multi-use fields, four unlighted multi-use fields, a championship four-plex softball/little league baseball diamond complex, along with sufficient parking for these activities. Additionally, restroom/concession building, two restroom buildings, a maintenance building and storage yard were included. Additional facilities include a space for large public events area, a small amphitheatre, and a 5 acre urban fishing lake surrounded with fishing nodes and picnic ramadas. To complete the design for Copper Sky Recreation Complex has included a Dog park, Skate plaza, two basketball courts, two sand volleyball courts, two tennis courts, horseshoe pits, group and individual picnic ramadas, a north and south play area with swings and rock climbers. Copper Sky Park is intended to be Maricopa's "crown jewel" of city parks and opened for public use in March 2014.





key personnel

The J2 Engineering & Environmental Design pool of collaborative talent is composed of outstanding, creative professionals who are able to utilize out-of-the-box thinking to achieve award-winning results. The staff's polished skills, relevant experience, and sincere desire to contribute to our clients' communities has resulted in the J2 Design team developing long-term relationships with our clients. The J2 team also utilizes our unique skills, talents and experience to maintain project schedules while successfully managing our client budgets. Key staff are listed on the following pages:





Jeff Holzmeister, PE

President, Project Principal - Civil Engineering

Jeff is the President and co-founder of J2 Engineering and Environmental Design, L.L.C. and has more than 25 years of water resources engineering experience. He serves as J2's Water Resources Section Manager. Jeff has been involved in a wide range of water resource related projects throughout Arizona. Investigation of these projects has required analyses of surface water hydrology, water distribution systems, open channel hydraulics, and sediment transport analyses. In addition to technical engineering analyses, the majority of these projects have also required the development of construction cost estimates, and preparation of operation and maintenance plans. Jeff is experienced in the application of the KYPIPE, StormCadd, HEC-1, HEC-2/HEC-RAS, and HEC-6 computer programs. He has presented lectures on hydraulic modeling (using the Corps of Engineers HEC-1, HEC-2 & HEC-RAS, computer programs) and groundwater modeling (using the computer program entitled Hydrologic Evaluation of Landfill Performance developed by the U.S. Army Engineer Waterways Experiment Station for the Environmental Protection Agency). He has also served as an "expert witness" in litigation related to several flood damage and water rights disputes in Arizona. Jeff's select, relevant experience includes his project management abilities as a project principal or manager for the following projects:

- 101L Freeway Drainage System City of Scottsdale / ADOT
- I-10 Freeway Drainage System Phoenix, Arizona
- I-17 Freeway Drainage System Phoenix, Arizona
- SR51 Freeway Drainage System Phoenix, Arizona
- SR202L Freeway Drainage System Gilbert, Arizona
- SR143 Freeway Drainage System Phoenix, Arizona
- Horseshoe Park and Equestrian Centre General Civil Engineering Queen Creek, Arizona
- Discovery Park at ADOT's Basin 'P' General Civil Engineering Town of Gilbert, Arizona
- Cosmo Park at ADOT's Basin 'Q' General Civil Engineering Town of Gilbert, Arizona
- Open Space & Trail System 202 Corridor General Civil Engineering Town of Gilbert, Arizona
- Zanjero Park at ADOT's Basin 'O' General Civil Engineering Town of Gilbert, Arizona
- Western Power Line Trail General Civil Engineering Town of Gilbert, Arizona
- Water Tower Park, Urban Plaza General Civil Engineering Town of Gilbert, Arizona
- Tumbleweed Park & Playtopia General Civil Engineering Chandler, Arizona
- Desert Mountain Park General Civil Engineering Town of Queen Creek, Arizona
- Deem Hills Park, General Civil Engineering City of Phoenix, Arizona
- Cave Creek Wash Regional Park System City of Phoenix, Arizona
- New River Bank Stabilization Peoria, Arizona



Jason Touchin, P.E.

Civil Engineer, Water Resources Engineer

Mr. Touchin has over fifteen years of experience, having been with J2 since 2004. During his career he has evolved from CADD support, to engineering design, to lead civil project engineer. Jason is responsible for the Phoenix office civil engineering design at J2. He designs and oversees all general civil engineering aspects of the office including all site development and roadway projects. These projects involve engineering analyses and design, project management, coordination of personnel, plan preparation, specifications and cost estimates. Jason is very experienced in infrastructure utility design and in the optimization of site design (earthwork, grading, aesthetics, etc.). He utilizes state-of-the-art technology for site design (GIS, AutoCaDD, Microstation, Inroads, etc.) Representative samplings of key projects include:

- Pacana Park Expansion General Civil Engineering City of Maricopa, Arizona
- Horseshoe Park and Equestrian Centre General Civil Engineering Queen Creek, Arizona
- Discovery Park at ADOT's Basin 'P' General Civil Engineering Town of Gilbert, Arizona
- Cosmo Park at ADOT's Basin 'Q' General Civil Engineering Town of Gilbert, Arizona
- Open Space & Trail System 202 Corridor General Civil Engineering Town of Gilbert, Arizona
- Zanjero Park at ADOT's Basin 'O' General Civil Engineering Town of Gilbert, Arizona
- Western Power Line Trail General Civil Engineering Town of Gilbert, Arizona
- Water Tower Park, Urban Plaza General Civil Engineering Town of Gilbert, Arizona
- Tumbleweed Park & Playtopia General Civil Engineering Chandler, Arizona
- Desert Mountain Park General Civil Engineering Town of Queen Creek, Arizona
- Deem Hills Park, General Civil Engineering City of Phoenix, Arizona
- Industrial Drive Roadway Design City of Flagstaff, Arizona

James Philbin, P.E.

Civil Engineer, Water Resources Engineer

Mr. Philbin has over ten years of experience, having been with J2 since 2004. During his career he has evolved from CADD support, to engineering design, to lead civil project engineer. James provides technical support for the civil engineering design at J2. He assist in the design of a variety of civil and hydrology designs. These projects involve engineering analyses and design, plan preparation, specifications and cost estimates. James is very experienced in hydrology and hydraulic design. He utilizes state-of-the-art technology for site design (GIS, AutoCaDD, Microstation, etc.) Representative samplings of key projects include:

- 10th Street Wash and Culvert Design - Civil Engineering City of Phoenix, Arizona
- Tangerine Road Drainage Design, Tucson Arizona
- 303L Freeway Drainage System, Peoria Arizona
- New River Bank Stabilization Peoria, Arizona
- Discovery Park at ADOT's Basin 'P' General Civil Engineering Town of Gilbert, Arizona
- Cosmo Park at ADOT's Basin 'Q' General Civil Engineering Town of Gilbert, Arizona
- Zanjero Park at ADOT's Basin 'O' General Civil Engineering Town of Gilbert, Arizona
- 101L Freeway Drainage System City of Scottsdale / ADOT
- SR202L Freeway Drainage System Gilbert, Arizona



Ann Harambasic, P.E.

Civil Engineer

Mrs. Harambasic has over 10 years of engineering experience, the bulk of these years of experience is comprised of roadway design, roadway drainage, storm drain design, utility coordination, plan development and project management. Ann has been able to diversify her experience to include commercial development, sanitary sewer design, civil site work, and task management of technical staff. Projects range from PM-10 roadway pavement jobs, to urban roadway design, to the \$66 million light rail transit project in Phoenix. Her clients include Maricopa County Department of Transportation, City of Phoenix, City of Chandler and various other counties and municipalities.

- Westworld Horse Barns; Westworld; City of Scottsdale, AZ
- Prospector Dog Park; City of Apache Junction, AZ
- Industrial Road; City of Flagstaff, AZ
- Water Tower Plaza; Town of Gilbert, AZ
- Central Phoenix/East Valley Light Rail Transit Project; Valley Metro Rail
- Chandler Airport Center; City of Chandler, AZ
- Palo Verde Park; City of Peoria, AZ
- 5th Street Pedestrian Calming Project; City of Tempe, AZ
- Maricopa County, 75th Avenue Design Concept Report; City of Phoenix, AZ
- 12th Street Roadway and Storm Drain Improvements; City of Phoenix, AZ
- Ellsworth Road; City of Mesa, Arizona
- Scotland Yard Park; City of Peoria, AZ
- Dust Devil Park; City of Phoenix, AZ



Jeff Engelmann, RLA, ASLA

Vice President, Project Principal - Landscape Architect

Jeff Engelmann is the co-founder and vice president of J2 Engineering and Environmental Design and has more than 25 years of Landscape Architecture experience. He has been involved in a wide variety of landscape architecture projects throughout Arizona, Nevada and the Midwest. The numerous public park projects he has been involved with encompass a wide variety of experiences ranging from pocket parks of less than ½ acre to large regional sports complexes that cover multiple acres to habitat and river restoration projects that cover hundreds of acres. His experience includes the design of numerous multi-use trail systems (equestrian and pedestrian) that traverse entire river corridors and municipal boundaries. Jeff's experience has included extensive work with numerous private parties, municipal governments and the federal government. This depth of experience provides him with the experience to assist clients in addressing the complex issues that arise during any project design. Jeff's select, relevant experience includes his project management abilities as a project principal or manager for the following projects:

- Phoenix Rio Salado Environmental Restoration Project
- Gilbert Discovery Park at ADOT's Basin 'P'
- Gilbert Cosmo Park at ADOT's Basin 'Q'
- Gilbert Freeway Wall Graphics, Open Space & Trail System 202 Corridor
- Gilbert Zanjero Park at ADOT's Basin 'O'
- Gilbert Western Canal
- Gilbert Water Tower Park, Urban Plaza
- ADOT Interstate 10 - 101 Freeway Construction Administration; Tolleson / Avondale / Phoenix
- Chandler Tumbleweed Park & Playtopia
- Queen Creek Desert Mountain Park
- Pima Freeway Aesthetic Wall Enhancements; City of Scottsdale / ADOT
- Gilbert Historic District, Gilbert
- Casa Grande Downtown Historic District, Casa Grande
- Peoria Streetscapes, Peoria
- Scottsdale Neighborhood Traffic Calming
- Glendale Neighborhood Partnership Projects
- City of Peoria Parks Recreation Open Space and Trails Master Plan
- Equestrian Design Guidelines for Trails, Trail Heads and Campgrounds for the FHWA
- Deem Hills Park, Phoenix
- Phoenix Cave Creek Wash Regional Park System
- Tolleson Streetscape; Tolleson Arizona, AZ
- Fiesta District Streetscape; City of Mesa, AZ
- El Mirage Streetscape; El Mirage, AZ



Dean Chambers, RLA, ASLA

Landscape Architect

Dean Chambers is a senior Landscape Architect with J2 and a Faculty Associate at Arizona State University in Landscape Architecture. Dean has more than 30 years professional experience in concept development, master planning, site analysis, programming, design guidelines, facilitation of citizen/property owner involvement programs and workshops, design development, construction documents and construction observation services for award-winning public projects. He has served as project manager on a variety of design projects specializing in public facilities. Representative Projects:

- Phoenix Rio Salado Environmental Restoration Project
- Tempe Beach Park
- Phoenix Convention Center
- Downtown Phoenix Streetscape
- McCormick Railroad Park; City of Scottsdale
- Phoenix Steele Indian School Park
- City of Peoria Parks Recreation Open Space and Trails Master Plan
- Yuma County Parks Recreation Open Space and Trails Master Plan
- Gilbert Open Space & Trail System 202 Corridor
- Fountain Hills Central Trail Head
- Scottsdale Desert Parks Design Guidelines
- Scottsdale Trails Master Plan
- Phoenix Deem Hills Park

Jeff Velasquez, RLA, ASLA

Landscape Architect

Jeff Velasquez has 14 years of landscape architectural experience and has completed a wide variety of public works and private development projects throughout Arizona, Nevada, and California. Jeff has outstanding experience leading multidisciplinary design teams on successful award-winning projects. Over his career, Jeff has specialized in parks, recreation, and open space planning and design. Representative projects include:

- Phoenix Cave Creek Wash Regional Park System
- Phoenix Rio Salado Environmental Restoration Project
- Chandler Tumbleweed Park & Playtopia
- Chandler Desert Breeze Park
- Tolleson Veterans Park
- ADOT Interstate 10 - 101 Freeway Construction Administration; Tolleson / Avondale / Phoenix
- Peoria 83rd Avenue - Pinnacle Peak Drainage Improvements
- Peoria Calbrisa Park
- Peoria Terramar Park
- Pima Freeway Aesthetic Wall Enhancements: City of Scottsdale / ADOT
- Peoria New River Restoration and Trail System
- Tempe Victory Acres Park (now named Esquer Park)
- Tempe Clark Park



Aaron Allan, RLA, ASLA

Landscape Architect

Aaron has 10 years of landscape architectural experience and has completed a wide variety of public works and private development projects throughout Arizona. Aaron has outstanding experience leading multidisciplinary design teams on successful award-winning projects. His past experience in design of public pedestrian spaces and parks is extensive and includes design and construction document work on the following key projects:

- Discovery Park at ADOT's Basin 'P'
- Cosmo Park at ADOT's Basin 'Q'
- Zanjero Park at ADOT's Basin 'O'
- Tolleson Veterans Park
- Water Tower Plaza
- Freeway Wall Graphics, Open Space & Trail System 202 Corridor
- ADOT Interstate 10 - 101 Freeway Construction Administration; Tolleson / Avondale / Phoenix
- Cave Creek Wash Regional Park System
- Rio Salado Environmental Restoration Project
- Western Power Line Trail
- New River Restoration and Trail System

Kurt Montei, RLA, ASLA

Landscape Architect

Kurt will be responsible for assisting the design team in design and production efforts. Kurt has over ten years of experience and has worked on a variety of projects for both private sector clients and public agencies. Kurt has assisted in the successful completion of several major park and recreation projects including the following:

- Phoenix Rio Salado Environmental Restoration Project
- Glendale Neighborhood Partnership Projects
- Gilbert Open Space & Trail System 202 Corridor
- Phoenix Cave Creek Wash Regional Park System
- Phoenix Deem Hills Park
- Queen Creek Desert Mountain Park
- Casa Grande Ed Hooper Sports Complex
- Peoria Paseo Verde Park
- Peoria Terramar Park
- Peoria Palo Verde Open Space Park
- Apache Junction Parks On-Call, 6 parks and trails
- Queen Creek Horseshoe Park and Equestrian Center
- Apache Junction Rodeo Park



Dirk DeWitt, RLA, CID,

Irrigation Planning/Design, Landscape Architect

Dirk is a registered landscape architect with over 25 years of irrigation design, construction and supervisory experience. He is well versed in all facets of landscape construction and inspection, water use analysis, budgeting procedures for estimating water utilization, cost estimates, water windows, and volume demand analysis. He is also experienced in irrigation pump station design. Dirk's ability to work with and understand any number of different combinations of irrigation controllers, valves, heads and drip technology results in healthier and more maintainable landscapes. Representative projects include:

- Gilbert Western Power Line Trail
- Gilbert Water Tower Plaza
- Estrella Park Irrigation restoration MCPRD
- San Tan 202 Freeway, Gilbert
- Gilbert Discovery Park at ADOT's Basin 'P'
- Gilbert Cosmo Park at ADOT's Basin 'Q'
- Glendale Park and Ride
- SR 303L Happy Valley Road to Lake Pleasant Parkway

Rick Campbell, LAIT, ASLA

Landscape Architect in Training

Rick Campbell is a Landscape Architect in Training with over 13 years of streetscape improvement experience and has been involved in a wide variety of related municipal and transit projects throughout Arizona. His experience on these projects range from conceptual design and planning to construction documentation development, construction administration and inspections. He has developed streetscape designs and plans for a variety of transportation projects incorporating grading, hardscape improvements, planting and irrigation designs, neighborhood integration and buffering techniques associated with roadway improvements. Rick understands the importance of communication and coordination with affected stakeholders, adjacent businesses, neighborhood communities, municipal departments, utilities, and other entities early in the planning and design process. His numerous interactions with citizen and special interest groups through public meetings have provided a keen understanding of many political, municipal, and community values, issues, and needs. Rick has planned and designed streetscape amenities to include custom designed & detailed site furnishings and rest areas. Representative projects include:

- McDowell Road Streetscape Improvements; City of Scottsdale, AZ
- Thomas Road Roadway Improvements Phase I; City of Scottsdale, AZ
- Scottsdale Road Segment One Roosevelt Street to Earll Drive; City of Scottsdale, AZ
- Neighborhood Transportation Safety Improvements within the Tonalea Neighborhood; City of Scottsdale, AZ
- Paiute Park; City of Scottsdale, AZ
- Pima Freeway Aesthetic Wall Enhancements; City of Scottsdale, AZ
- Pima Freeway Landscape; City of Scottsdale, AZ
- Brighton Gardens Assisted Living Facility; City of Phoenix, AZ
- Cottonwood Lane Streetscape Improvements; City of Casa Grande, Arizona



Adam Hawkins, RLA, ASLA

Landscape Designer

Adam Hawkins has over 6 years of private practice experience in the field of landscape architecture. His wide variety of project experience has included extensive re-vegetation and restoration projects, design, community and neighborhood park design, and architectural wall graphics. Adam gives the J2 staff multi-faceted talent, due to his diverse expertise in park and open space master planning, hardscape and irrigation design, public presentation, computer rendering, and planting design. Adam has worked on design projects in the Phoenix Metro Areas. Adam's responsibilities will be in the development of project design elements, computer modeling and rendering, plan production, and landscape construction documentation. Representative projects include:

- Water Tower Plaza; Town of Gilbert, AZ
- Western Power Line Trail; Town of Gilbert, AZ
- Dust Devil Park; City of Phoenix, AZ
- Santan Vista Trail; Town of Gilbert, AZ
- Sky Harbor Sky Train; City of Phoenix, AZ
- Avondale Aesthetics; City of Avondale, AZ
- Deem Hills Community Park; City of Phoenix, AZ
- Va Shly'ay Akimel River Restoration; City of Mesa, AZ/Salt River Pima Maricopa Indian Community
- Victory Acres Park; City of Tempe, AZ
- Raymond County Park; Coconino County, AZ

Kevin Wallin, CID, IA

Landscape Designer, Certified Irrigation Designer, Irrigation Audit

Kevin Wallin has over seventeen years of combined experience in landscape architecture and engineering with responsibilities varying from lead project designer, assistant designer, and CAD drafter. Kevin has a diverse range of professional experiences working for both private sector clients and public municipal agencies. His role with J2 is as a landscape designer responsible for creating design concepts for both master plans and construction documents including planting, irrigation, hardscape, demolition, plant salvage/inventory, and site plans along with developing cost estimates and specifications. With Kevin's extensive training and experience in the utilization of Microstation and AutoCAD software, he is also a vital resource in the production of the construction documents. Kevin has worked on a wide variety of projects including regional, community, and neighborhood parks, athletic facilities, community pools, multi-use trail system designs, public art projects, streetscape designs, wall aesthetic designs, commercial designs, master planned communities, multi-unit housing developments, large scale public transportation projects such as freeway system designs and mass commuter transportation designs such as the Light Rail Transit project. Kevin's responsibilities will be in the development of project design elements, project coordination, and plan production.

- McDowell Mountain Preserve Central Trail Head; Town of Fountain Hills, AZ
- Light Rail Transit Park-N-Ride Lots; Cities of Phoenix, Tempe, & Mesa, AZ (Valley Metro Rail)
- Tumbleweed Regional Park (Phase III); City of Chandler, AZ
- West Chandler Regional Sports Complex; City of Chandler, AZ
- Scotland Yard Park; City of Peoria, AZ
- Palo Verde Park; City of Peoria, AZ
- Dust Devil Park; City of Phoenix, AZ