



PREDESIGN (PHASE 1) - SITE DEVELOPMENT ALTERNATIVES FOR THE PAYSON COURTHOUSE COMPLEX

NO. 060916

STATEMENT OF QUALIFICATIONS | AUGUST 19, 2016



TETRA TECH



August 19, 2016

Betty Hurst, Contracts
Guerrero Building
1400 E. Ash Street
Globe, AZ 85501

RE: Predesign (Phase 1) – Site Development Alternatives for the Payson Courthouse Complex project at 106 W. Main Street in Payson, AZ

Dear Ms. Hurst:

Tetra Tech, Inc. (Tetra Tech) is pleased to provide the Gila County with our Statement of Qualifications for the Predesign (Phase 1) – Site Development Alternatives for the Payson Courthouse Complex Project. We have assembled a highly-experienced local design team that will successfully deliver your project on time and within budget. The local team has the full support of Tetra Tech's Regional resources.

Below we have included highlights of our key strengths that will provide you complete engineering services for your project:

- Long and successful working relationship with Gila County.
- Experience with similar water system hydraulic modeling, master planning and system designs that were delivered on-time, on budget, and that will be used to streamline the master planning process to save you time and money.
- An experienced project team that understands the goals of Gila County.
- A project team that understands the Town's concerns and issues.

Tetra Tech is committed to seeing that Gila County receives the greatest value from our potential involvement in your project. We look forward to discussing with you our qualifications, approach, and scope of work. Should you have any questions regarding our submittal, please contact me at 928.474.4636 or forrest.switzer@tetrattech.com. Thank you for your consideration.

Very truly yours,

Forrest L. Switzer, P.E.
Project Manager

1. Section F. **RESPONSE CERTIFICATION**

08/19/2016
(DATE)

Purchasing Services Department

The undersigned certifies that to the best of his or her knowledge: (check one)

- There is no officer or employee of Gila County who has, or whose relative has, a substantial interest in any Contract award subsequent to this Response.
- The names of any and all public officers or employees of Gila County who have, or whose relative has, a substantial interest in any Contract award subsequent to this Response are identified by name as part of the submittal

The undersigned further certifies that their firm (check one) IS or IS NOT currently debarred, suspended, or proposed for debarment by any federal or state entity. The undersigned agrees to notify the County of any change in this status, shall one occur, until such time as an award has been made under this procurement action.

In compliance with Request for Qualifications No. 060916 Predesign (Phase 1) - Site Development Alternatives for The Payson Courthouse Complex @ 108 W. Main Street, Payson, AZ, and after carefully reviewing all the terms and conditions imposed therein, the undersigned agrees to furnish such services in accordance with the specifications/scope of work according to the Proposal submitted or as mutually agreed upon by subsequent negotiation.


(signed)

Forrest Switzer, PE, PLS
(by)

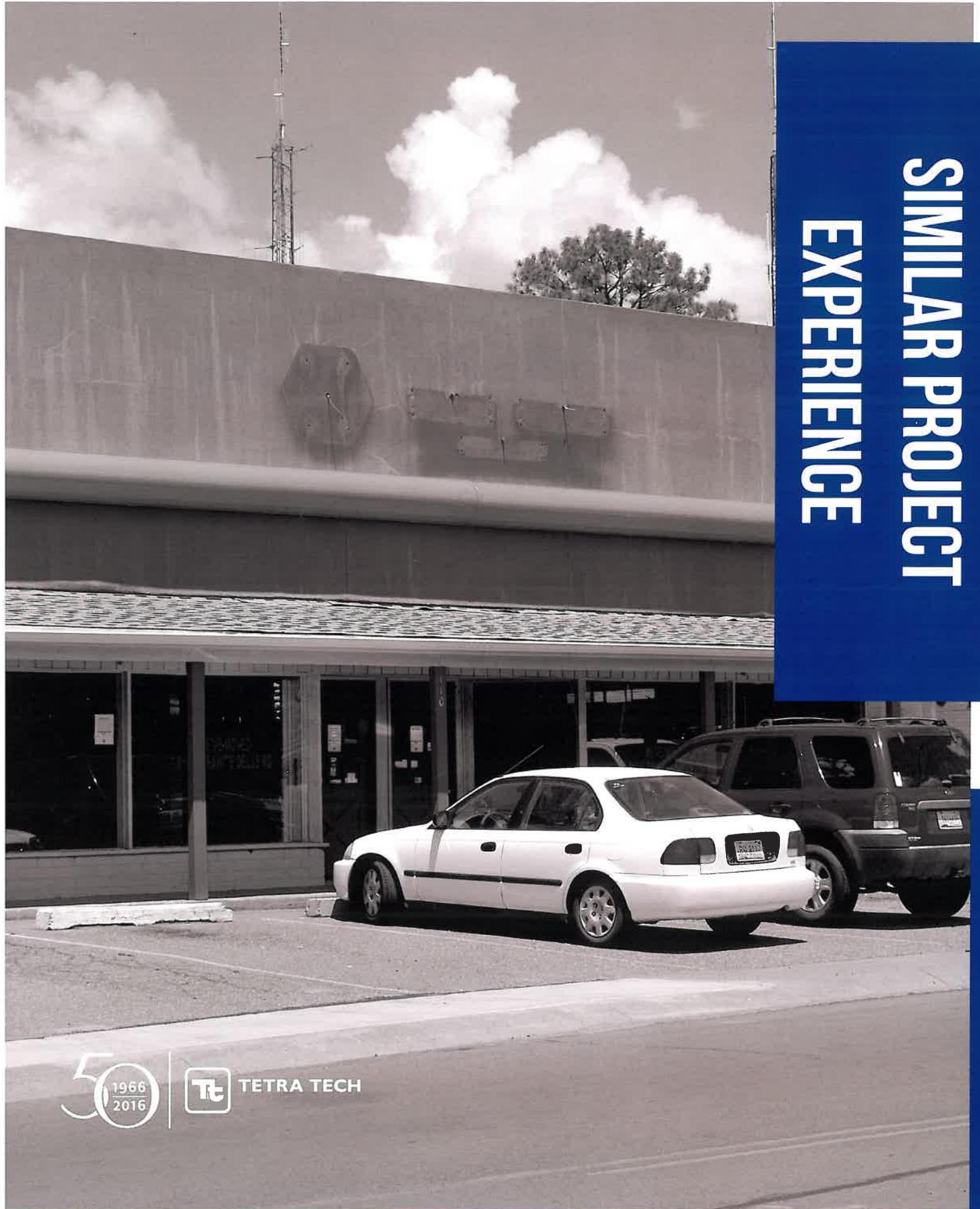
Tetra Tech, Inc.
(firm)

Project Manager
(title)

405-B W Main St. Payson, AZ 85541
(address)

(928) 474-4636
(phone number)

SIMILAR PROJECT EXPERIENCE



50
1966
2016



TETRA TECH



SIMILAR PROJECT EXPERIENCE

FIRM HISTORY

Tetra Tech, Inc. was founded in 1966 to provide engineering services related to waterways, harbors and coastal areas. Over the past 50 years, the Company has substantially increased the size and scope of its business and expanded its service offerings through a series of strategic acquisitions and internal growth. Tetra Tech is a leading provider of consulting, engineering, program management, construction management, and technical services.

Since the beginning, Tetra Tech has attracted the best and brightest minds in science and engineering, and has always focused on bringing innovative solutions to our clients' most complex needs. Today, Tetra Tech has approximately 16,000 employees located in more than 400 offices worldwide.

COMPANY BACKGROUND

Tetra Tech is a leading provider of consulting, engineering, and technical services worldwide. We are a diverse company, including individuals with expertise in science, research, engineering, construction, and information technology. Our strength is in collectively providing integrated services — delivering the best solutions to meet our clients' needs.

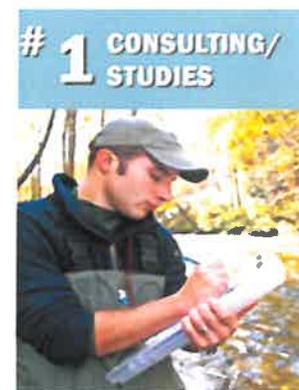
Tetra Tech built our reputation in the industry as a leader in developing effective solutions to constantly changing, tough engineering challenges. For the past five decades, Tetra Tech has provided public and private clients innovative answers to complex engineering problems. Our reputation for providing effective engineering services is backed by reliable systems, engineering, scientific, economic, and business analyses.

Our core principles form the underpinning of how we work together to serve our clients:

- **Service:** Tetra Tech puts its clients first. We listen better to understand our clients' needs and deliver smart, cost-effective solutions that meet those needs.
- **Value:** Tetra Tech takes on our clients' problems as if they were our own. We develop and implement real-world solutions that are cost-effective, efficient, and practical.
- **Excellence:** Tetra Tech brings superior technical capability, disciplined project management, and excellence in safety and quality to all of our work.
- **Opportunity:** Our people are our number one asset. Our workforce is diverse and includes leading experts in our fields. Our entrepreneurial nature and commitment to success provide challenges and opportunities for all of our associates.



We look forward to continuing a productive and successful relationship with Gila County. We believe that we provide a unique blend of local experience, leading expertise, and solid understanding of your needs.





SAWMILL CROSSING, KAIBAB INDUSTRIES, PAYSON

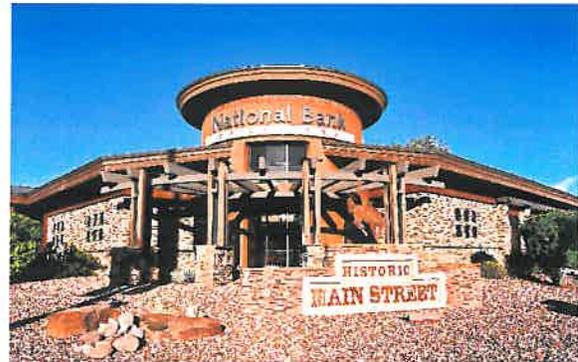


Tetra Tech prepared all civil design plans for the conversion of Kaibab Industries Payson “Kaibab Mill Site” and adjacent properties into a project consisting of a 6-Plex Theater, attached shop buildings, detached shop buildings, future shop building areas, future phase areas, and four pads. The site fronts on State Route 87, Main Street, Aero Drive, and West Nugget Street enters the center of the site from State Route 87. Tetra Tech performed the following services on the project:

- Tetra Tech prepared the topographic survey, lot consolidation and subdivision work, site grading and drainage plans, coordination of the site and drainage with the American Gulch channel and LOMAR, and all ADOT/State Route 87, Main Street and Aero Drive entry driveways.
- Tetra Tech prepared the Town of Payson Domestic and Fire Water Supply Plans and Northern Gila County Sanitary District Plans processing those through ADEQ Approval of Construction.
- Tetra Tech filed certified building elevations regarding the LOMAR. This site was able to retain an existing commercial sales building fronting on Main Street and an existing Whiting Service Station at the southwest corner of State Route 87 and Main Street and another service station at the northwest corner of State Route 87 and Aero Drive. The Whiting Station was later demolished and replaced by a National Bank of Arizona with the grading and drainage plans prepared by Tetra Tech, and the other service station was purchased by Whiting Station (affiliated with Kaibab Industries) with additional improvements by Tetra

Tetra Tech, then sold to Giant Service Stations. In 2007 Kaibab Industries decided to develop part of the second phase of this development and Tetra Tech provided additional grading, drainage and utility plans for an American Motel. The design was completed but due to economic conditions, it was not constructed. Approximately one third of the site remains undeveloped.

NATIONAL BANK OF ARIZONA, PAYSON



Tetra Tech prepared all civil design plans for the construction of the National Bank of Arizona at the southwest corner of State Route 87 and Main Street. (See reference to this site in discussion of Sawmill Crossing site.) Tetra Tech prepared grading and drainage plans for this site including the coordination of driveways on Main Street and with ADOT on State Route 87. With this site being on a busy corner, there were access restrictions coordinated with ADOT. In addition, this general area of Payson which includes the County Site is subject to drainage issues and the floor elevation of the Bank was required to be set above flood elevations. Parking on this site was also coordinated/shared with a portion of the Sawmill Crossing Project.



UNIVERSITY CAMPUS IN PAYSON, ARIZONA



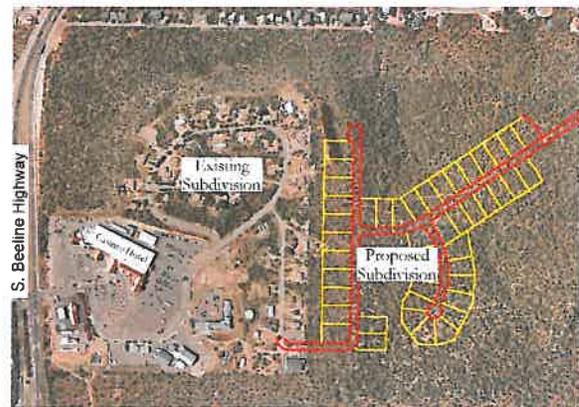
The Payson University Site is approximately 243 acres which was deeded from the U.S. Forest Service, Department of Agriculture to the Rim Country Educational Alliance for the development of a University level educational facility and associated other uses. Tetra Tech has been requested to assist in the technical aspects related to the site development and started that effort in advance of the purchase of the property in November of 2015. Services provided by Tetra Tech include:

- Tetra Tech assisted in agreements between the developer/owner, the Town of Payson, the Forest Service, ADOT, APS, and the Northern Gila County Sanitary District.
- Tetra Tech provided master planning for the Town of Payson's water system, sanitary district collection system, and APS high voltage routing through the project.
- Tetra Tech completed grading and drainage and utility service plans for a charter school that later decided not to build.
- Tetra Tech prepared plans for the water supply to the site which has already been constructed along the ADOT State Route 260 frontage within U.S. Forest Service property.
- Tetra Tech provided site boundary and topographic survey of the site and of the State Route 260 frontage.
- Tetra Tech prepared Phase 1 water system analysis and recommendations with schematic plans, Phase 1 wastewater analysis and schematic plans, Phase 1 on-site road and

parking layouts, Phase 1 drainage analysis, and Phase 1 APS re-route plan and profile drawings.

- Tetra Tech prepared State Route 260 plans for a main entrance including adding a new left turn lane entry and a new right turn deceleration lane entry into the site with provisions for lighting and a future signal. Those ADOT plans are completing plan check and it expected to start construction early in September of this year. Plans were already approved by ADOT and construction completed for a temporary entrance.

CLEARVIEW SUBDIVISION, TONTO APACHE TRIBE



This project consists of a 45 unit subdivision located east of the existing casino, residential homes, offices, and gym. The project work consists of a preliminary lot plan, design topography and ALTA survey, geotechnical report, drainage report, mass grading plan and roadway improvement plans.

Tetra Tech is currently designing the grading, paving and drainage plans. Plans are currently at the 95% level. The project also involves the development of a water and sewer master plan for the entire property of 200 acres. When completed, the plans will then be approved by the Indian Health Service and the Northern Gila County Sanitary District.



CC CRAGIN TREATED WATER LINE DESIGN, TOWN OF PAYSON PUBLIC WORKS



Tetra Tech was selected by the Town of Payson to prepare preliminary through final design plans for the C.C. Cragin Treated Water Line Project. The Project consists of conveying water from a future WTP located approximately 2.5 miles outside of the Town of Payson boundary to the Town boundary and then distributing the water throughout the existing Town of Payson water distribution system. The C.C. Cragin Treated Water Line project is divided into two sets of construction documents: The out-of-town alignment and the in-town alignment.

The out-of-town alignment consists of placing approximately 12,650 L.F. of 18-inch diameter, ductile iron pipe and associated appurtenances along the Houston Mesa Road corridor between the future WTP site and the Town of Payson Boundary. Tetra Tech coordinated geotechnical investigations along the alignment and incorporated the geotechnical findings into the final design. Additionally, Tetra Tech performed right-of-way and mapping investigations along the alignment.

The in-town alignment consists of installing approximately 20,000 L.F. of 18-inch diameter ductile iron pipe, 2,000 L.F. of 12-inch diameter ductile iron pipe, 4,000 L.F. of 8-inch diameter PVC pipe, three (3) highway bores, and seven (7) PRV/PSV combinations to distribute the C.C. Cragin treated water to the twenty-five (25) existing pressure zones in the Town of Payson water distribution system. Virtually all of the in-town alignment is located along existing, developed streets within the Town of Payson. The design identifies all known existing utilities in the corridor and mitigates crossings and conflicts with these utilities. Additionally, the final design is being coordinated with the Arizona Department of Transportation for highway

bores, side street crossings, and ultimately a right-of-way permit to work in and adjacent to their roadway.

The design of the C.C. Cragin Treated Water Line is based on the Master Water Plan for waterworks system serving the Town of Payson, 2011 Update, (Master Plan) prepared by Tetra Tech. Tetra Tech incorporated the proposed C.C. Cragin Treated Water Line design into the Master Plan to determine its effects on the existing distribution system and to verify that all twenty-five existing pressure zones can be adequately served solely by C.C. Cragin treated water. The result is a comprehensive hydraulic model for the Town of Payson that can be used for future planning, operation and maintenance purposes.

BONITA STREET WATER PLAN, TOWN OF PAYSON



Tetra Tech was contracted to review water service conditions and road conditions and prepare water plans processing them through approvals for a new water line and service connections along East Bonita Street from State Route 87, easterly to Bentley Street. The Town of Payson expects to improve that portion of Bonita Street and will contract for this new water line prior to the new Bonita Street surface and drainage construction. The water plans move all water meters that serve houses on the south side of Bonita Street from a rear lot alley to the Bonita Street frontage, and includes the required plumbing on the individual lots necessary to re-connect the lot services. Tetra Tech has also been requested by Payson Water Department to review the road and drainage plans, being designed through a Payson/ADOT agreement, to make sure they coordinate with the water plans. Tetra Tech will provide specifications for the water line, manage the bid, and most likely provide at least partial construction inspection of the water line.



ON-CALL CIVIL PROJECTS, NORTHERN GILA SANITARY DISTRICT



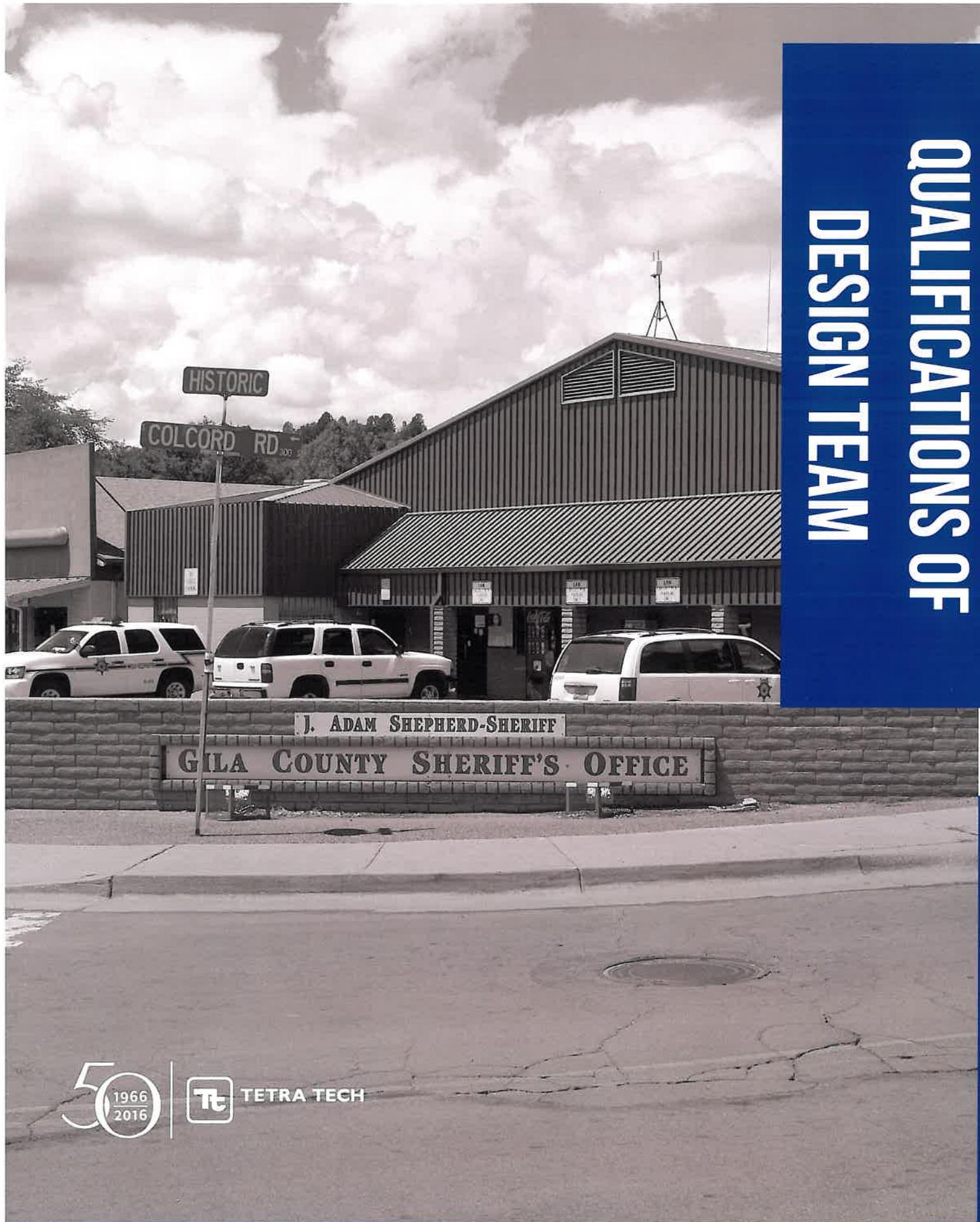
The Northern Gila County Sanitary District (NGCSD) serves Payson and the immediately surrounding vicinity which includes approximately 13 square miles. The current NGCSD committed average dry weather flow of the treatment plant is 1.81 million gallons per day. Tetra Tech designed a sewer line replacement for the NGCSD in May of 1993, and has been serving the District both with On-Call Services and with specific contracted tasks since that time. Provided services ranging from design of replacements to master plans for the entire system. Tetra Tech currently maintains the District's Quarter Section Maps, is preparing a Master Plan for developer requirements in the Northeast portion of Payson, monitoring flows in three locations for the determination of needed replacements and upgrades, and is providing On-Call modeling studies of new developments to determine downstream needs and to establish treatment plant capacity requirements for District ADEQ reporting.

In addition, the NGCSD contracted with Tetra Tech to move the District from an older, out-of-date DOS Model to a modern modeling system. Since 1996, Tetra Tech prepared 95 model studies to assess plant capacity impacts required by new development and has prepared another 45 collection system improvement projects. This does not include the infrastructure required and designed by Tetra Tech for the Chaparral Pines, 683-lot Golf Subdivision and the Rim Golf Club 325-lot Subdivision. Those subdivisions include four lift stations, on-site low pressure sewer main, and an entire reuse supply, delivery, and storage system.

In March of 2011, Tetra Tech provided the design plans for an Improvement District Sewer Rehabilitation Project which included bid administration and part time

construction inspection. The winning bid for this Project was \$1,088,662, and the low bid of \$1,075,953 was rejected as not responding to certain bid submittal requirements. Tetra Tech personnel work directly with the District's General Manager, the Field Supervisor and with individual field personnel on an almost daily basis to assist them and provided needed information. Tetra Tech will attend Board Meetings so we are available for advice, and answer questions that may arise about collections system issues in which the NGCSD is involved. New developments are required by the District to have a model study. Tetra Tech performed the study and is advising the District as to any alternates that are long or short term benefits to the District.

QUALIFICATIONS OF DESIGN TEAM



TETRA TECH



QUALIFICATIONS OF DESIGN TEAM

Tetra Tech's proposed team delivers efficiency and collaborative partnership to the Payson Courthouse Complex. With a majority of our proposed team working together daily in Tetra Tech's Payson office, we are ready and eager to provide an integrated approach to executing the County's project. Mr. Forrest Switzer will coordinate our local design engineers, drainage engineers and other staff to ensure we address the County's project success factors from start to finish. All of our team members are based in Arizona.

Tetra Tech is comprised of talented individuals at all levels necessary for successful completion of projects. Tetra Tech's registered professionals provide decades of experience in multiple disciplines and much of the expertise gained providing services for municipal clients.

Tetra Tech carefully selected each team member for their specific expertise pertinent to this contract and their history of working together on local projects. Each team member offers significant experience in the

preparation of varied engineering solutions. We are excited for the opportunity to work with the County on this project and we are available with the necessary resources to begin work immediately. Tetra Tech is committed to provide the people and services required to meet the County's needs.

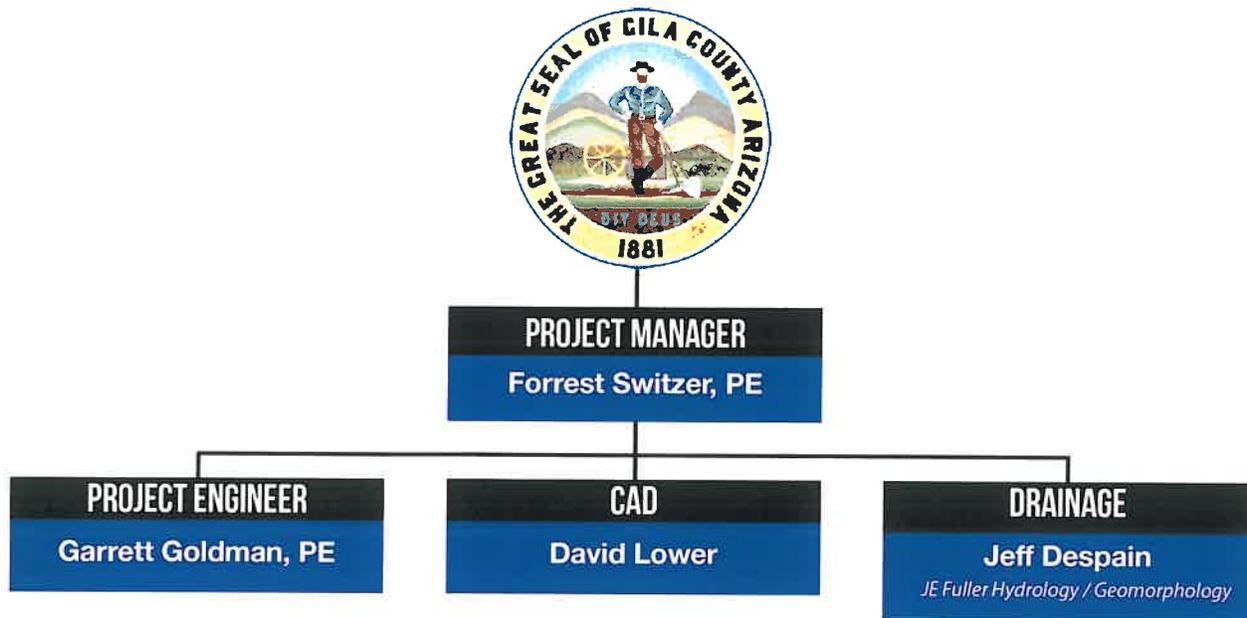
ORGANIZATIONAL CHARTS

COMPANY

Tetra Tech is a large company that has two main business groups. The link below shows Tetra Tech's Upper Management Team and Tetra Tech's Board of Directors: <http://www.tetratech.com/en/management-team>

PROPOSED TEAM

Below is an organizational chart showing Tetra Tech's proposed team. Below that, brief vignettes showcasing our staff. In the Appendix, resumes may be found for further experience details.





MANAGERIAL & TEAM OVERVIEW

FORREST SWITZER – PROJECT MANAGER

Mr. Switzer's experience includes project management, survey, private and public site development and civil infrastructure design. Mr. Switzer is a Registered Civil Engineer in Arizona and is a Registered Civil Engineer/Land Surveyor in California. He is licensed as a Civil Engineering in Washington. Mr. Switzer owned a Civil Consulting firm in Southern California with a full time staff of up to 25 employees for 12 years preceding joining Tetra Tech.

Mr. Switzer served as either a Project Manager or played an integral role on the following relevant projects:

- CC Cragin Treated Water Line Design, Town of Payson
- Sawmill Crossing Center and Theater, Town of Payson
- Clearview Project, Tonto Apache Tribe

GARRETT GOLDMAN, PE – PROJECT ENGINEER

Mr. Goldman's 16-years of civil engineering experience emphasizes innovative and creative design and planning solutions. His experience includes gravity sewer collection system design, low pressure sewer (LPS) collection system design, regional sewage lift station design, surge analysis and force main design, sewer system modeling, master plan preparation, and shop drawing review; water distribution system and booster station design, water system modeling, and reclaimed water pump station design; preparation of roadway plans, topography mapping, reduction of survey field notes; surface water hydrology; culvert design and outlet erosion protection; construction coordination and interfacing with contractors. He is also proficient with the AutoCAD, Land Development

Desktop, WaterCAD, and SWRMDL computer programs.

Mr. Goldman is the Tetra Tech Engineer in charge of all the Northern Gila County Sanitary District contracts.

DAVID LOWER – CAD

As a CAD Designer, Mr. Lower's field of expertise is in Civil Development. His experience includes: creating complete plan sets for waterline, sewer line and roadway projects, new subdivisions, grading plans and plats. Mr. Lower is using Autodesk Civil 3D for all project design work. He has over 17 years of experience in project design and over 32 years of AutoCAD knowledge.

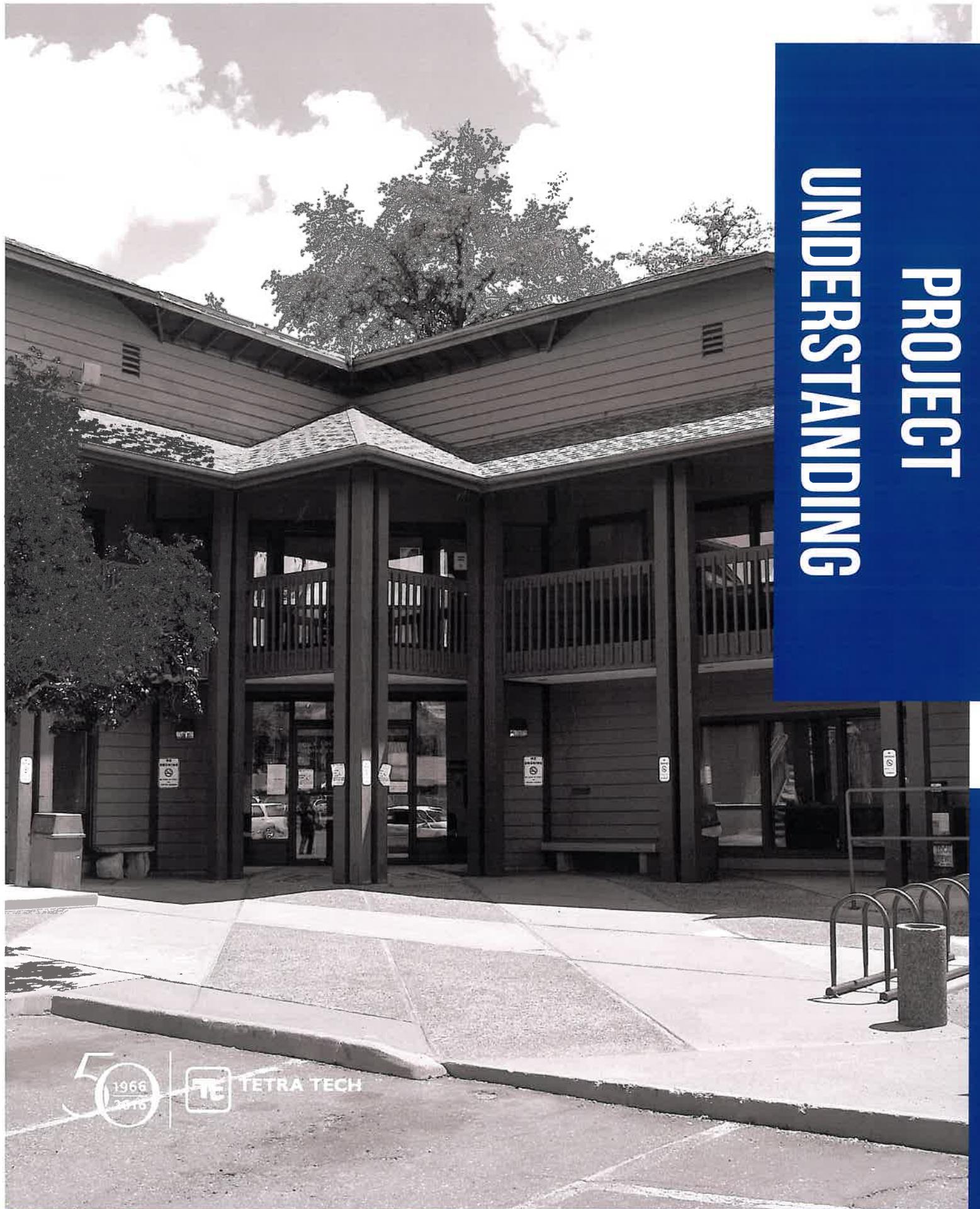
Mr. Lower was the Lead Designer for the Rim Country Educational Foundation's Payson University Campus Study. The scope of work included evaluating four possible sites for the campus from a cost analysis viewpoint. He worked closely with campus architect, local utility companies and government agencies to establish designs for each site.

In addition, Mr. Lower was the Lead CAD Designer for the Tonto Apache Tribe's Clearview Subdivision Project. The subdivision will be designed on raw open land with substantial drainage issues.

JEFF DESPAIN - DRAINAGE

Mr. Despain, with JE Fuller / Hydrology & Geomorphology, Inc., has been a water drainage/resource engineer in Arizona 20 years. He works on floodplain delineation studies, area drainage master plans, area drainage master studies, CLOMRs, LOMRs, grading plans, master plans, and has worked as an expert witness. Mr. Despain does extensive design work in the areas of drainage and master plan developments. Mr. Despain works for many municipalities, government agencies, and private individuals. He is proficient in AutoCAD, ArcView GIS, HEC-RAS, HEC-GeoRas, FLO-2D, and Microsoft Office Suite.

PROJECT UNDERSTANDING



TETRA TECH



PROJECT UNDERSTANDING

The main purpose of this project is to conduct investigations and obtain input from County employees (Sheriff's Office, Court House, and other users of the property) and the Town of Payson (Planning, Public Works, Water Department, and other concerned departments). This will be done through a series of charrette type of meetings, then we will use this information, along with input from surrounding businesses and property owners, to prepare alternate layouts to best serve the County's needs in revising operations on the property. A series of goals have already been established for this property and the alternate layouts need to take into consideration the order of the proposed modifications and their cost.

Generally, the NAPA building is to remain and have interior and exterior modifications that will create the Court facilities needed to process those that have been arrested and are being held in jail by secured transfer between the jail in the Sheriff's office and the modified NAPA/Court building. The Sheriff's office will also have interior and exterior modifications to facilitate that passage between those buildings. In addition, a secured area for transfer into and out of the combined Sheriff/Court complex will be created in the rear of these buildings for transfer to and from vehicle transport. Employee and customer parking will be moved to the rear of these two buildings and the County may remove and relocate the Assessor/Recorder's office building to provide better access, combined parking and prisoner transfer areas. It is intended that all access to these buildings, except infrequent access by the public into the Sheriff's office, will be from the rear parking lot. Some limited guest access will be available through the existing front door at the Sheriff's office.

ADA access compliance will be required at all facility modifications and although the design of these alternates is not a part of this project it shall be considered and demonstrated that these modifications can meet current accessible standards. The courtyard area at the northwest corner of Building "A" does not meet the standards at this time and a new layout is required as part of this project. That layout also needs to demonstrate that it can meet these requirements. It is also possible that the area east of Colcord Road would be included as a parking study area or area for relocation of the Assessor/Recorder office.

It is Tetra Tech's opinion that parts of this site and the surrounding roads have serious adverse drainage conditions that include the area behind the NAPA building and the area in front of that building and the Sheriff's office. We suggest that the County consider making drainage and drainage solutions an element of the alternate layout study. It appears that current drainage passes between the NAPA and Sheriff's buildings and should be routed differently, and that any modifications to the area west of the NAPA building require a master plan drainage solution that also addresses the proposed parking. Although these are County buildings on County property the Alternates should include ways to help the drainage and eliminate the possible flooding of the modified buildings. (The survey that was attached appears to not show drainage piping. There is a LOMAR for the channel on the south side of Main Street.



PROJECT DELIVERY APPROACH

Task 1: Refine Project

Meet with County personnel to refine specific tasks to be completed.

- What groups to include,
- Number of meetings, whether to include public,
- Where presentation will be made,
- Type of cost estimate,
- Order of phases, etc.

Task 2: Prepare Fixed Fee Proposal and Contract

Task 3: Prepare Schematic Alternates

Determine dimensional criteria from the County for:

- Parking spaces,
- Accessible parking,
- Sally port configuration,
- Lighting requirements, etc.

Then prepare two alternate layouts and present them to County project staff. Make suggested corrections.

Task 4: Conduct County Charrettes (Sheriff's Office & Separate County Court Employees)

Present initial alternates and take comments-answer questions in two separate meetings.

Task 5: Schedule and Attend Payson Community Development Meeting

Arrange for limited Payson staff meeting with Town Manager, Town Engineer, Planning & Development Director, Fire Chief, Chief Building official and maybe Mayor. Take suggestions and answer questions.

Task 6: Meet with County Project Staff

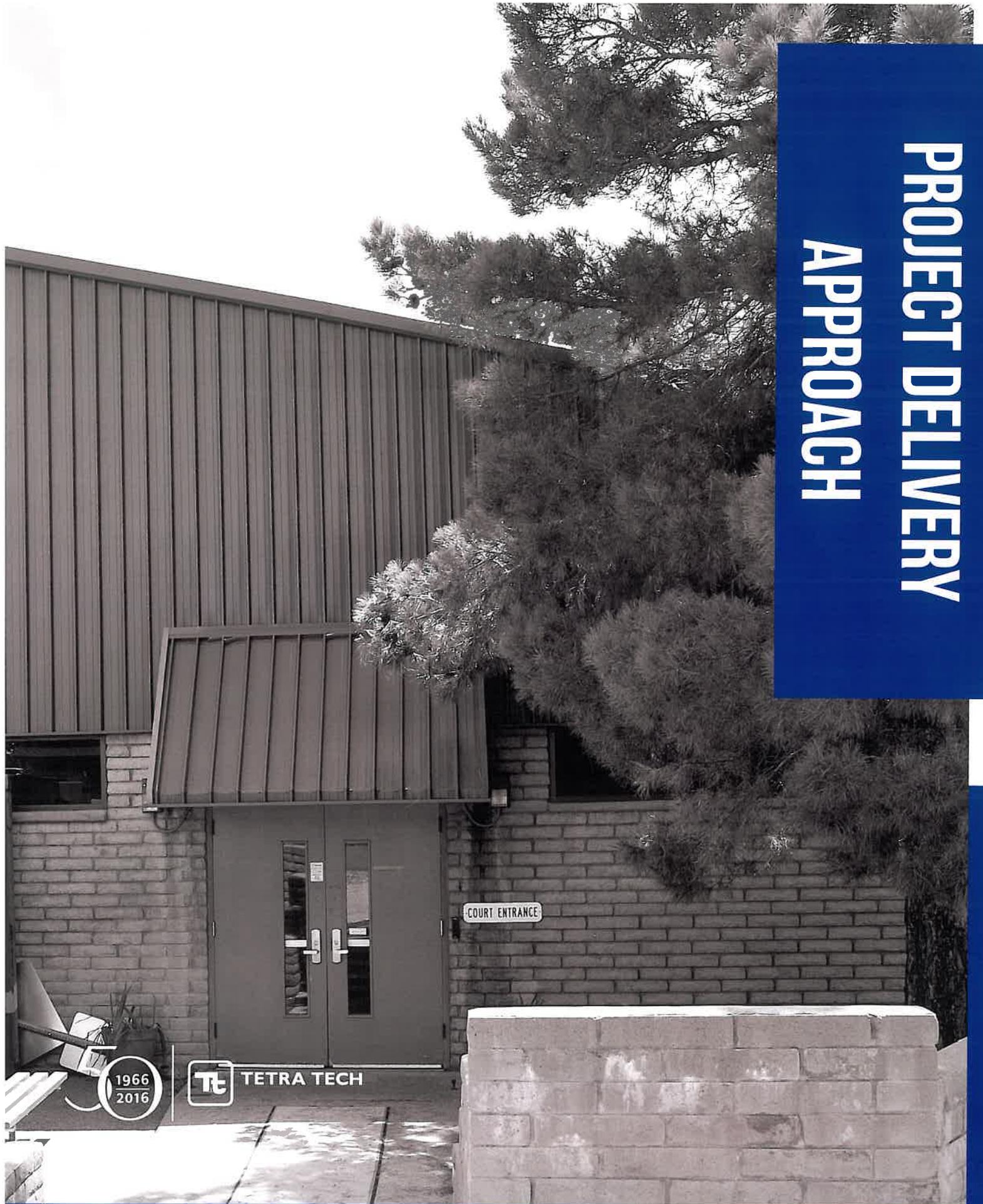
Submit suggestions that were collected and discuss acceptable changes to alternates or the need for or elimination of an alternate.

Task 7: Prepare Final Two Alternates

Prepare Dressed Plans, Cost Estimates and Proposed Construction Phases.

Task 8: Attend County Board of Supervisors Presentation, if requested

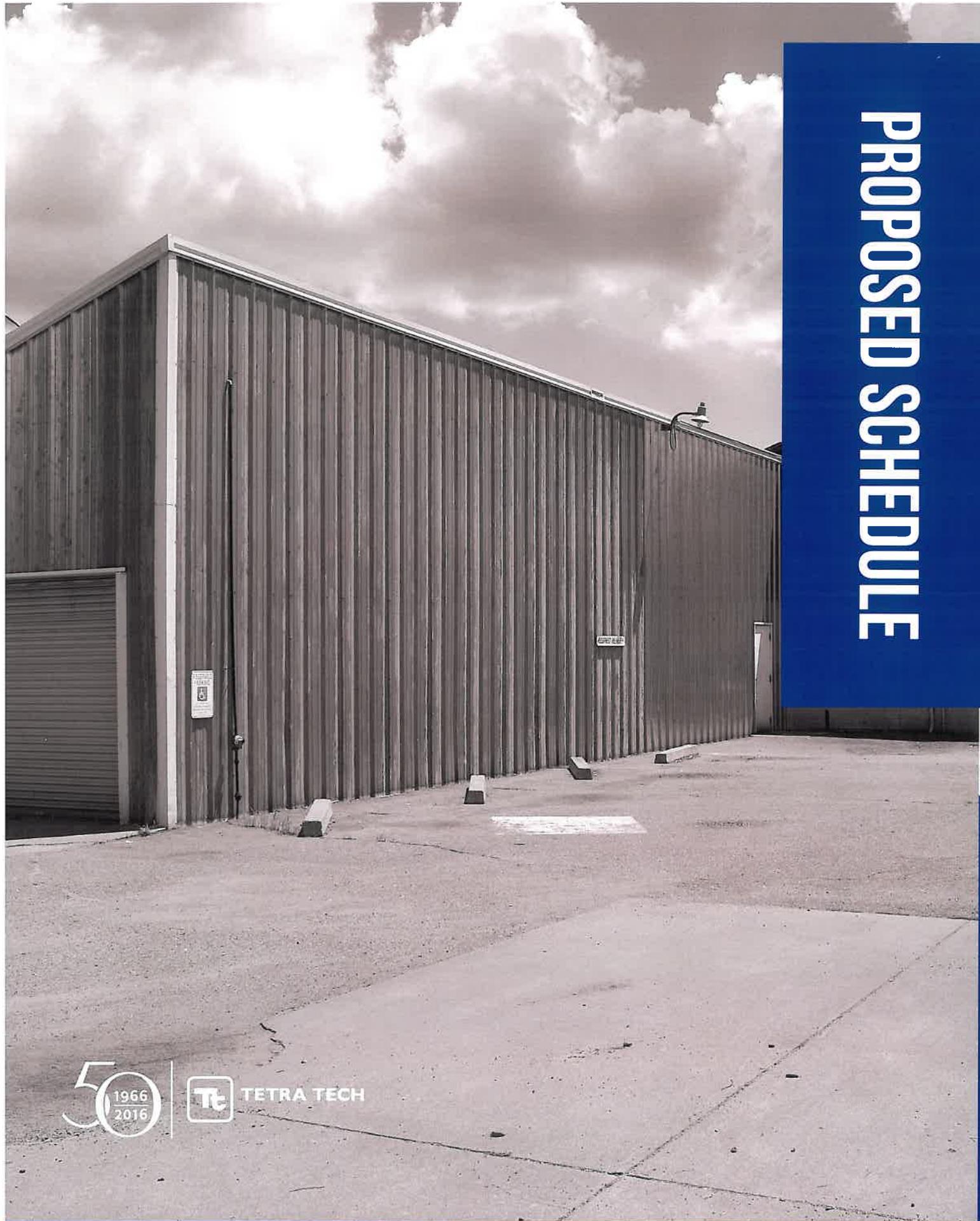
PROJECT DELIVERY APPROACH



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PROPOSED SCHEDULE



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PROPOSED SCHEDULE

TASK	Completed By:
Selection of Company by County Committee	9/2/2016
Refine Project & Establish Fixed Fee	2 Weeks - 9/16/2016
Prepare One or Two Schematic Alternates & Review with County Project Staff	3 Weeks - 10/7/2016
Conduct County Employee Charrettes. Review with County Project Staff	3 Weeks - 10/28/2016
Attend Payson Community Development Meeting	1 Week - 11/4/2016
Meet with County Project Staff to determine any Town of Payson revisions to Alternates	1 Week - 11/11/2016
Prepare Final Two Alternates & Attend County Supervisors Meeting	3 Weeks - 12/1/2016

Note: Schedule may be expedited if necessary



PREDESIGN (PHASE 1) SITE DEVELOPMENT ALTERNATIVES FOR THE PAYSON COURTHOUSE COMPLEX

Statement of Qualifications | NO. 060916

OTHER INFORMATION

TETRA TECH INSURANCE



CERTIFICATE OF LIABILITY INSURANCE

DATE:MM/DD/YYYY
03/25/2015

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Aon Risk Insurance Services West, Inc. Los Angeles CA Office 707 Wilshire Boulevard Suite 2600 Los Angeles CA 90017-0460 USA	CONTACT NAME: PHONE (A/C. No. Ext): (260) 283-7122 FAX (A/C. No.): (800) 363-0105 E-MAIL ADDRESS: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 70%;">INSURER(S) AFFORDING COVERAGE</th> <th style="width: 30%;">NAIC #</th> </tr> <tr> <td>INSURER A: National Union Fire Ins Co of Pittsburgh</td> <td>19445</td> </tr> <tr> <td>INSURER B: The Insurance Co of the State of PA</td> <td>19429</td> </tr> <tr> <td>INSURER C: AIG Europe Limited</td> <td>AAL120641</td> </tr> <tr> <td>INSURER D: Lexington Insurance Company</td> <td>19437</td> </tr> <tr> <td>INSURER E:</td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> </tr> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: National Union Fire Ins Co of Pittsburgh	19445	INSURER B: The Insurance Co of the State of PA	19429	INSURER C: AIG Europe Limited	AAL120641	INSURER D: Lexington Insurance Company	19437	INSURER E:		INSURER F:	
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INSURER E:															
INSURER F:															
INSURED Tetra Tech, Inc. 1900 South Sunset Street, Suite #1-F Longmont CO 80501 USA															

Holder Identifier :

COVERAGES **CERTIFICATE NUMBER: 570059587720** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS. Limits shown are as requested

INSR. LTR	TYPE OF INSURANCE	ADDL. SUBR. DESCR. W/VD	POLICY NUMBER	POLICY EFF. (MM/DD/YYYY)	POLICY EXP. (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJ. <input checked="" type="checkbox"/> LOC OTHER:		GL3372258	10/01/2015	10/01/2016	EACH OCCURRENCE \$2,000,000 DAMAGE TO RENTED PREMISES (Per occurrence) \$1,000,000 MED EXP (Per one person) \$10,000 PERSONAL & ADV INJURY \$2,000,000 GENERAL AGGREGATE \$4,000,000 PRODUCTS - COMPOD AGG \$4,000,000
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS		CA 3194397	10/01/2015	10/01/2016	COMBINED SINGLE LIMIT (Per accident) \$1,000,000 BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)
C	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> RETENTION \$100,000		TH1500079	10/01/2015	10/01/2016	EACH OCCURRENCE \$10,000,000 AGGREGATE \$10,000,000
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY <input checked="" type="checkbox"/> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/OWNER EXCLUDED? (Mandatory in NH) If yes, describe under:	Y/N N/A	WCO14267906 WCO14267908 WCO14267907 WCO14267912	10/01/2015 10/01/2015 10/01/2015 10/01/2015	10/01/2016 10/01/2016 10/01/2016 10/01/2016	<input checked="" type="checkbox"/> PER STATE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE-EA EMPLOYEE \$1,000,000 E.L. DISEASE-POLICY LIMIT \$1,000,000
D	Contractor Prof		028182375 Professional & Pollution SIR applies per policy terms & conditions	10/01/2015	10/01/2017	Each Claim \$5,000,000 Aggregate \$5,000,000

Certificate No : 570059587720

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 RE: Project Start Date: 10-1-13, Project End Date: 10-1-14. Evidence of Insurance. Stop Gap Coverage is provided for the following states: OH, ND, WA, WY.

CERTIFICATE HOLDER

CANCELLATION

Tetra Tech, Inc.
 1900 South Sunset Street
 Longmont CO 80501 USA

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Aon Risk Insurance Services West, Inc.





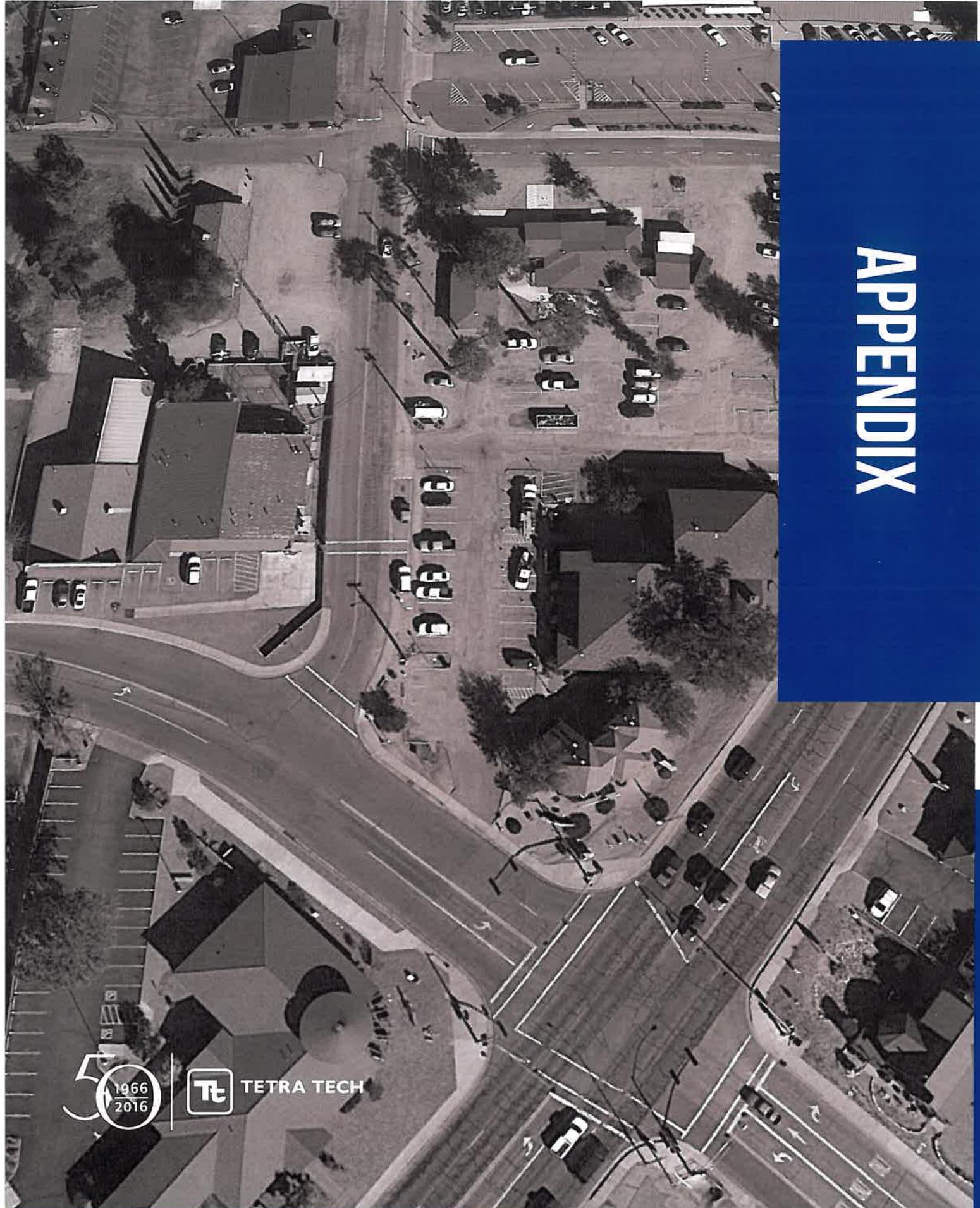
NAME CHANGE

Per the RFP requirements, the consulting firm, Tetra Tech, has not had a name change within the last five calendar years.

LOCATION

Per the RFP requirements, the consulting office, Tetra Tech, is located in Payson, Arizona.

APPENDIX





EXPERIENCE SUMMARY

Mr. Switzer has been a Registered Civil Engineer in Arizona since 1997 and is a Registered Civil Engineer/Land Surveyor in California since 1975. Mr. Switzer is also licensed as a Civil Engineer in Washington and has retired his licenses in Nevada and Idaho. Mr. Switzer owned a Civil Consulting firm in Southern California with a full time staff of up to 25 employees for 12 years preceding his move to Payson, Arizona in 1996.

Mr. Switzer's experience includes project management, survey, private and public site development and civil infrastructure design.

RELEVANT EXPERIENCE

C.C. Cragin Pipeline and Related Improvements, Town of Payson, AZ – Prepared specifications and bid documents for a Water Infrastructure Finance Authority (WIFA) funded Aquifer Storage and Recovery Project, and 2-mile pipeline. Coordinated Federal Davis-Bacon interviews, Certified Payrolls, etc.

Chaparral Pines Phase 2 Subdivision, Payson, AZ – 600+ lots Project Manager for Roadway Infrastructure Design and Const. Assist. 1996 – 2003

The Rim Golf Club Subdivision, Payson, AZ – 319 Lots Project Manager for Civil Design and Construction Assistance. 1997 - 2003

Sawmill Crossing Center and Theater, Payson, AZ – Civil Project Manager for all site Civil Design and Construction Assistance.

Fossil Creek Road, Strawberry, AZ – Phase 1 – For Gila County - Completion of design, completion of Right-of-Way dedication and easement documents, bid administration, construction assistance and contract administration. Phase 2 design and Right-of-Way negotiations.

Ice House Canyon Wash Bridge & Approaches, Globe, AZ – For Gila County - Project Manager to complete plans and specifications and all clearances and approvals for American Recovery and Reinvestment Act (Stimulus) Funding, and to provide construction assistance.

Jesse Hayes Road, Globe, AZ – For City of Globe - Project Manager to complete plans, specifications and cost estimate for bid and construction.

Grand Canyon South Rim & Desert View for Xanterra (Grand Canyon National Park Lodges), AZ – Project Engineer for Civil Site Development on: New Mule Barn; Village propane gas transmission/distribution line; New apartment complex; Water line in Phantom Ranch area from Ranger Station, crossing Bright Angel Creek to Boat Beach (Backhoe and all construction equipment and supplies were brought in and taken out via raft including fuels, tools, etc. Residence and R.V. sites at Desert View; Parking pavement and drainage rehab/improvements for Yavapai Lodge East, Yavapai Lodge West, Maswik Lodge, Bright Angel Lodge, Thunderbird Lodge, Kachina Lodge, El Tovar Lodge; Design plans for repair of Historic Retaining Wall at El Tovar Lodge; Survey of Historic Motor Lodge area in preparation for complete

EDUCATION

California State University at Los Angeles

B.S., Civil Engineering, 1972

AREA OF EXPERTISE

Civil / Survey / Detail Grading and Site ADA Compliance

REGISTRATIONS/ CERTIFICATIONS

Registered Civil Engineer Arizona No. 31879, 1997

California No. C25089, 1975 (includes Surveying)

Idaho (allowed to expire)

Washington No. 30679, 1994

Nevada (allowed to expire)

AFFILIATIONS

The Society of American Military Engineers (Life Membership)

The American Society of Civil Engineers

OFFICE

Payson, Arizona

YEARS OF EXPERIENCE

38 +

YEARS WITH TETRA TECH

17

replacement of all utilities and surface facilities, new sewer design; Site work design for new Xanterra Warehouse; and Additional topographic survey work of the Railroad Station complex and the Xanterra Administration building. Design Engineer and Project Manager for ADA Compliance Plans for the six buildings at the Yavapai East Lodge. Grading and Drainage design for Yaki Point Mule Shade Structure and runoff mitigation; Tusayan Grand Hotel Drainage; Bus Parking area grading and drainage. 1997 to present

Commercial Shopping Centers, Central and Southern California – Served as Civil Project Manager, Design Engineer, and/or Record Surveyor on over 50 commercial shopping centers from 12 to 60 acres in size.

Senior and Federally Assisted Housing Projects– Served as Civil Project Manager, Design Engineer, and/or Record Surveyor on over 25 multi-story housing projects in San Diego, Riverside, Los Angeles, San Bernardino and Ventura Counties. Clients include Salvation Army and Presbyterian Homes.

School and University Projects– Served as Civil Project Manager, Project Engineer and/or Record Surveyor on over 130 school projects from the Elementary to University level including over 30 new Elementary and Middle Schools. Served as Civil/Survey Site infrastructure consultant to California State University at Fullerton for four years preceding move to Arizona. Civil Project Manager for over 40 California School projects since moving to Arizona. 1977 to present

Jet Propulsion Laboratory – Served as Site Civil/Survey consultant for four years.

Recreational Facilities – Prepared Survey, Site Design, Grading and Details for Spear “S”, Agua Fria, and Trilby Trailhead and parking areas for Maricopa Regional Park Trail System. Civil Engineering/Surveyor for a number of Southern California theater and park projects Including seating for the Greek Theater. Civil/Survey consultant to WED Enterprises (Disney design offices at Burbank California) including projects in Disneyland and in Disneyworld, and served on loan to WED Enterprises for projects in California at Disneyworld. While at Wheeler and Gray Structural Engineers, prepared three dimensional positional calculations for the upper supports on the vertical supporting columns for the first Loop Ride at Six Flags Magic Mountain. (All upper supports being on curves or spiral curves with continuously varying slope and super elevation.)

Boundary, Topographic, ALTA and/or Construction Survey – Fullerton Town Center (40 Ac. ALTA); The Plaza at Puente Hills (60 Ac. Boundary & Topo); Victor Valley Community College (300 Ac. Boundary & Topo); Vasquez High School Site (50 Ac. Boundary & Topo); Hollywood Salvation Army (ALTA); Gemco/Target Conversions (4 ea, 10+ Ac. ALTA); Jet Propulsion Laboratory (Topographic Survey); and 30 additional of similar characteristics. Boundary Analysis and Survey oversight for the Tetra Tech Payson office since 2006. U.S. – Mexico Boundary location for design and construction of Boundary Fence; Construction Staking at Port of Long Beach, for redundant area wide Fiber-optic Communication and Security System (Homeland Security); Legal Boundaries and Easements in California for Schools; Local Topographic, Boundary, and ALTA survey calculations and mapping. 1984 to present

Whispering Hope Ranch, Gila County, AZ – Project Manager for site civil improvements on 45 Acre Retreat and Animal Shelter.

Santa Catalina Island, California, Water System – While at Wheeler and Gray, Structural Engineers – Prepared design plans for the water supply to the City of Avalon, including two high pressure, pressure reduction stations, with water hammer mitigation. Also prepared studies for upgrading the water service to the USC Marine Biology Center near the island isthmus. 1974 to 1976

U.S. Army Corps of Engineers, Waterways Experiment Station, Vicksburg, MS – While in the Army - serving as a Civil Engineering Technician in the Blast and Shock Section, Physical Sciences Branch, Nuclear Weapons Effects Division, from July 1966 to May 1969: Doing research and developing computer programs for analysis of response to nuclear blast effects. Then working as a civilian employee at the same location from May 1969 to January 1970, completing work started while in the Army, assisting a member of the German Army (part of an exchange program) with research; Thus completing a dynamic computer modeling program to determine the survivability of lined underground facilities within layered soil/rock strata when subjected to an above ground or surface nuclear warhead detonation, and calculating the cost benefit of the construction of that facility.



Garrett Goldman, PE

Project Engineer

EXPERIENCE SUMMARY

Mr. Goldman's engineering experience emphasizes innovative and creative design and planning solutions. His experience includes gravity sewer collection system design, low pressure sewer (LPS) collection system design, regional sewage lift station design, surge analysis and force main design, sewer system modeling, master plan preparation, and shop drawing review; water distribution system and booster station design, water system modeling, and reclaimed water pump station design; preparation of roadway plans, topography mapping, reduction of survey field notes; surface water hydrology; culvert design and outlet erosion protection; construction coordination and interfacing with contractors. He is also proficient with the AutoCAD, Land Development Desktop, WaterCAD, and SWRMDL computer programs. Mr. Goldman's engineering experience coupled with firsthand experience in the construction industry gives him the well-rounded experience needed to be an effective civil engineer.

RELEVANT EXPERIENCE

Rim Country University- RSP Architects, Payson, AZ – Tetra Tech was awarded the design contract for this multi-phase, combination educational/commercial project within the Town of Payson. Mr. Goldman is serving as a Senior Project Engineer responsible for the sanitary sewer and domestic water systems serving the project, including offsite extensions of utility facilities.

C.C. Cragin Treated Water Pipeline Project-Town of Payson, AZ – Tetra Tech was awarded the design contract for this multi-million dollar project for the Town of Payson. With Garrett Goldman, P.E. as project manager, responsibilities include preparation of final design plans for approximately 22,000 L.F. of 18-inch water main, 10,000 L.F. of 16-inch water main, and 12,000 L.F. of 12-inch water main, and 4,000 L.F. of 8-inch water main to transfer treated water to the Town of Payson and distribute it within the existing Town of Payson domestic water distribution system. The project includes the preliminary design of one (1) water booster station. The project consists of installing water pipeline in existing, built-out corridors within the Town of Payson.

Town of Payson Water Master Plan Update, Payson, AZ – Project Manager responsible for updating the existing 1989 Town of Payson Water Master Plan. The project included preparation of a complete hydraulic model of the distribution system using the Bentley WaterGEMS software, Evaluation of existing and projected demands in the system, and planning for receiving future water from the CC Cragin Reservoir into twenty-five (25) existing pressure zones.

Northern Gila County Sanitary District, Payson, AZ – Project Manager responsible for maintaining the existing wastewater master plan using computer modeling. Identify areas of insufficient collection system capacity using this model and recommend system upgrades to the Northern Gila County Sanitary District. Additionally, the project consists of identifying

EDUCATION

BS, Arizona State University,
Mechanical Engineering, 1993

AREA OF EXPERTISE

Civil Engineering

REGISTRATIONS/ AFFILIATIONS

Registered Civil Engineer
Arizona No. 33423, 1999

OFFICE

Payson, Arizona

YEARS OF EXPERIENCE

21

YEARS WITHIN TETRA TECH

12

committed flows within the District. These flows are used for treatment plant expansion planning and regulatory agency reporting purposes.

Northern Gila County Sanitary District McKamey Sewer Replacement Project – Payson, AZ – Project Manager responsible for the preparation of the improvement plans for the replacement of approximately 2,600 L.F. of 8-inch VCP sewer main with 12-inch PVC Sewer Main and the addition of approximately 1,800 L.F. of 8-inch water line in an existing, built-out portion of the District. The project included the complete rehabilitation of approximately 1,800 L.F. of existing roadway. The project scope of work consisted of Improvement Plans, Bidding Specifications, Bidding Process Administration, Construction Administration, and As-Built Plans.

Northern Gila County Sanitary District Airline/Luke Improvement District Project – Payson, AZ – Project Manager responsible for the preparation of the improvement plans for the installation of approximately 6,000 L.F. of 6-inch and 8-inch PVC Sewer Main in a built-out, unsewered area within the Town of Payson. Additionally, the project included the addition of approximately 7,000 L.F. of new domestic water line within the project boundary. The project scope of work consists of supporting the annexation of the project area into the Northern Gila County Sanitary District, preparation of Improvement Plans, Cost Estimates, Bidding Specifications, Bidding Process Administration, Construction Administration, and As-Built Plans, as well as Improvement District Formation.

Northern Gila County Sanitary District American Gulch Sewer Replacement Project – Payson, AZ – Project Manager responsible for the preparation of the improvement plans for the replacement of approximately 4,000 L.F. of 10-inch VCP sewer main with new 12-inch to 18-inch sewer main within an existing, built-out portion of the District. The project is located almost entirely within existing easements located across existing parcels of land. The project scope of work consists of the preparation of Improvement Plans, Bidding Specifications, Bidding Process Administration, Construction Administration, and As-Built Plans.

Northern Gila County Sanitary District East Side Basin Pump Stations and Force Mains – Payson, AZ – Project Engineer for a series of three sewage lift stations and the interconnecting high pressure force mains to transfer sewage from the East Side basin to the existing gravity sewer collection system in the West Side Basin. The lift stations ranged from 105 gpm discharge to 1,200 gpm discharge and were interconnected by high pressure force mains. This design included pumps, piping and site preparation, and surge control.

Northern Gila County Sanitary District Shop Drawing Review, Payson, AZ – Project Engineer responsible for reviewing contractor shop drawing submittals for the Chaparral Pines reclaimed water main and booster station and the East Side Basin pump stations and force mains. The reviews included pumps, instrumentation, vaults, building materials, and pipeline materials.

Northern Gila County Sanitary District, Payson, AZ – Project Engineer for the complete update of the 1997 wastewater master plan. This project included all converting all District mapping into AutoCad format, reevaluating sewage generation factors to represent current trends within the District, updating the District's collection system computer hydraulic model to include recent developments in two separate basins, identifying areas with insufficient capacity, and prioritizing and recommending upgrades to the current collection system.

Northern Gila County Sanitary District Down Stream Sewer Replacement Project, Payson, AZ – Project Engineer for a sewer trunk line rehabilitation project. The project included preparing design drawings and supporting analysis to replace an existing 10-inch sewer line with new 18-inch sewer line while maintaining service to existing customers.

Town of Star Valley Wastewater Master Plan, Payson, AZ – Project Manager responsible for preparing the initial Town of Star Valley Wastewater Master Plan. The project consisted of evaluating the Town of Star Valley in both its existing and projected build-out condition to quantify wastewater flows, identifying a backbone sewer collection system, preparing cost estimates, identifying wastewater treatment facility locations, and evaluating options for the future Town of Star Valley Wastewater Collection and Treatment System.

Chaparral Pines Subdivision, Payson, AZ – Project Engineer for the sewer collection system for the 700 lot Chaparral Pines Subdivision. The collection system was a combination of gravity, LPS, and lift stations.

The Rim Golf Club, Payson, AZ – Project Engineer for the sewer collection system to serve the 400 lot Rim Golf Club Subdivision. The collection system was a combination of gravity, LPS, and lift stations.



EXPERIENCE SUMMARY

As a CAD Designer, Mr. Lower's field of expertise is in Civil Development. His experience includes: creating complete plan sets for waterline, sewer line and roadway projects, new subdivisions, grading plans and plats. Mr. Lower is using Autodesk Civil 3D for all project design work.

Mr. Lower has over 17 years of experience in project design and over 32 years of AutoCAD knowledge.

RELEVANT EXPERIENCE

University Campus Study, Rim Country Education Alliance., Lead Designer – Mr. Lower was the Lead Designer of this project for a private developer. The scope of work included evaluating four possible sites for the campus from a cost analysis viewpoint. He worked closely with campus architect, local utility companies and government agencies to establish designs for each site.

Clearview Subdivision, Tonto Apache Tribe., Lead Designer – Mr. Lower was the Lead Designer of this project for a private developer. The subdivision will be designed on raw open land with substantial drainage issues. The work will need to be phased as budget allows.

Forest Edge Subdivision, Confidential Client, Town of Payson, AZ., Lead Designer – Mr. Lower was the Lead Designer of this project for a private developer. The scope of work involved the Preliminary Plat through Construction Plans.

Chaparral Pines, Town of Payson, AZ, Lead Designer – Mr. Lower drafted the plans in all areas of this project. The scope of work included plans for the waterline and roadway P&P sheets, sanitary sewer P&P sheets, Final Plat sheets, and exhibits.

The Rim Golf Club, Town of Payson, AZ, Lead Designer – Mr. Lower drafted the plans in all areas of this project. The scope of work included plans for the waterline and roadway P&P sheets, sanitary sewer P&P sheets, Final Plat sheets, and exhibits.

C.C. Cragin Waterline, Town of Payson, AZ, Lead Designer – Mr. Lower is the Lead Designer for a multi-million dollar project for the Town of Payson, AZ. His responsibilities include preparation of 100% design plans for approximately 32,000 L.F. of 18-inch ductile iron water main, 12,000 L.F. of 12-inch water main and 4000 L.F. of 8-inch water main to transfer treated water to the Town of Payson and distribute it within the existing Town of Payson domestic water distribution system. The project was done in Civil 3D 2011 and includes the design of one (1) water booster station. The challenge of this scope of work is the installation of water pipeline in existing, built-out corridors within the Town of Payson, AZ.

EDUCATION

Associates Degree in Architectural Technology, Purdue University, 1980

AREA OF EXPERTISE

Growing Proficiency of Civil 3D software.

Advanced knowledge of Land Desktop software and its predecessors.

Advanced knowledge of AutoCAD and AutoCAD customization.

Proficient in MS Office and graphic editing software.

Assist IT with necessary remote help.

Create existing topo maps from survey data.

CAD Lead for the Payson, AZ. Office.

Coordinate with other design teams/firms.

REGISTRATIONS/ CERTIFICATIONS

OSHA 10-Hour Training Course for the Construction Industry.

OFFICE

Payson, Arizona

YEARS OF EXPERIENCE

33

YEARS WITH TETRA TECH

14

Resume

JE Fuller/Hydrology & Geomorphology, Inc.

JEFFREY A. DESPAIN, P.E., CFM
Project Manager / Engineer

Jeff Despain is a Project Manager /Engineer at JE Fuller/ Hydrology & Geomorphology, Inc. He brings 20 years of experience. He has served as a project manager and project engineer for studies and projects throughout Arizona. His experience includes the following:

- Hazard Mitigation and Emergency Response Planning
- Drainage Design
- Construction Document Preparation and Review
- Hydrologic and Hydraulic Modeling
- Area Drainage Master Plans and Studies
- Flood Insurance and Floodplain Delineation Studies
- Land Development Drainage and Improvement Plans
- Dam Safety and Detention Basin Design
- Fluvial Geomorphology/River Engineering
- Two-Dimensional Modeling
- Roadway Drainage and Design
- Utilities Relocation, Water Distribution & Wastewater Collection Systems Design
- Technology Transfer

Mr. Despain has extensive experience using HEC-1, HEC-2, HEC-RAS, TR-20, TR-55, HY-8, KYPIPE, StormCAD, FLO-2D, Flowmaster, AutoCAD, and ArcView computer software.

Professional Registration

Professional Engineer (Civil), Arizona # 32833
Certified Floodplain Manager (CFM) #US-07-03059

Education

B.S., Civil Engineering, Northern Arizona University, Flagstaff, Arizona, 1994
Associate of Applied Science, Construction Drafting, Mesa Community College, Mesa, Arizona

Professional Experience

Project Manager/Engineer, JE Fuller/ Hydrology & Geomorph., Inc.	April 2002 - Present
Project Manager/Engineer, Water Resources, Tetra Tech, Inc.	1996 – April 2002
City of Flagstaff, Survey Department	1995 - 1996
Arizona Land Consultants	1994 - 1995

Professional Memberships

Arizona Floodplain Managers Association (AFMA)
American Society of Civil Engineers (ASCE)
Association of State Dam Safety Officials (ASDSO)

Professional References

Gordon Bleyl, P.E./Arizona Game & Fish Department	(623) 236-7478
Thomas R. Loomis, P.E., R.L.S., Special Projects Manager	
Flood Control District of Maricopa County	(602) 506-4767
Dan Cherry/Yavapai County Flood Control District	(928) 771-3197

Resume
JE Fuller/Hydrology & Geomorphology, Inc.

Representative Projects and Descriptions

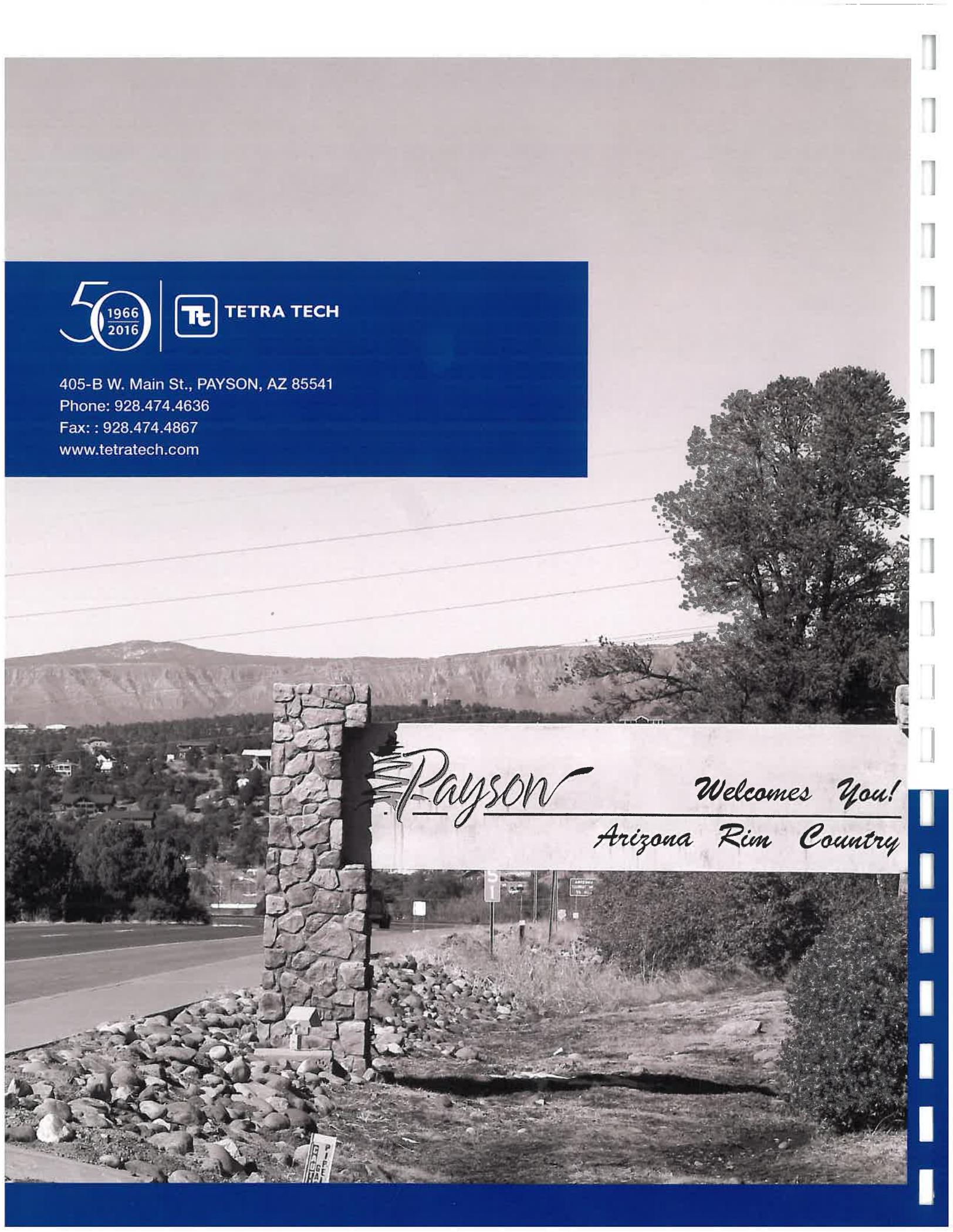
Some of the studies and projects, which Mr. Despain has managed, or was a key participant in, are summarized below. More detailed information can be obtained by contacting JE Fuller/ Hydrology and Geomorphology, Inc. at (480) 752-2124. We are proud of the work we do. Please feel free to contact any of these past clients.

- Lynx Lake Principle Outlet Valve Replacement (Arizona Game and Fish Department).
- Willow Springs Principle Outlet Repair (Arizona Game and Fish Department).
- Parker Canyon Dam Principle Outlet Repair (Arizona Game and Fish Department).
- Chevelon Canyon Principle Outlet Repair (Arizona Game and Fish Department).
- Fool Hollow Lake Hydraulic Pump Repair (Arizona Game and Fish Department).
- Montezuma Ave Bridge Design and Construction Management; Yavapai County, AZ.
- Black Canyon City ALERT Station Design and Installation; Yavapai County, AZ
- Black Canyon City Floodplain Re-delineation; Yavapai County, AZ
- Black Canyon City Stage Inundation Study; Yavapai County, AZ
- Black Canyon City First Responders Training; Yavapai County, AZ
- Dam Operations and Maintenance 2012 (Arizona Game and Fish Department).
- Arlington Ponds; Arizona game and Fish Department
- Black Canyon City Hydraulic Analysis and Results Review; Yavapai County, AZ
- Virgin River Hazard Study Erosion Control Protection; Nevada
- Lower Magma Channel Design and Construction Management; Magma Flood Control District, AZ
- East Maricopa Floodway Scour Analysis; Maricopa County, AZ
- Peoria Infrastructure Assessment Report; Arizona State Land Department, AZ
- Yavapai County Floodplain Management Plan; Yavapai County, AZ
- Cordes Lakes Floodplain Delineation Study; Yavapai County, AZ
- Hackberry Creek Bridge Scour Analysis/Hydraulic Design and ALERT Monitoring Design; Yavapai County, AZ
- Canyon Diablo and Upper Verde Discovery 2014 Study, Yavapai/Coconino County, AZ
- Lower Santa Cruz Discovery 2015 Study, Pinal County, AZ



TETRA TECH

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www.tetrattech.com



Payson

Welcomes You!

Arizona Rim Country