

Arizona Department of Administration

Project Status Report



*Arizona Department of Health Services (ADHS)
Arizona State Hospital (ASH) Chiller Replacement
Phoenix, AZ*

*Roger Berna, GM
Construction Services
Report as of May 31, 2015*





ADVS Arizona Veterans' Memorial Cemetery, Marana, AZ



ADVS Arizona Veterans' Memorial Cemetery, Marana, AZ

Summary Report

ADOA

Project # Project Description by Agency

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8720C	ADOA, 2910 N. 44 th Street, Phoenix, AZ Elevator Modernization	John Webster	15
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8954TL.5A	ASDB Tucson, New Fire Alarm Replacement, Maricopa Dorm, Tucson, AZ	Janet Collegio	31
8954TL.6B	ASDB Tucson, New Fire Alarm Replacement, Palo Verde Dorm, Tucson, AZ	↓	32

ADOT Building Renewal Projects - FY2015-2016

<p>Globe Equipment Storage, Globe, AZ – Repaint the building exterior. Grey Peak Modular Residence, Greenlee County, AZ – Replace existing windows with energy efficient windows. Safford District Office, Safford, AZ – Repaint the exterior of all site buildings. Payson Equipment Shop, Payson, AZ – Replace failed building siding with new panels.</p>	<p>Alvin Spencer</p> <p>↓</p>	<p>25</p>
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Completed Projects:

ADOT Building Renewal Projects - FY2015

<p>9651 N 99 Ave. West Valley Construction Office Bldg. 1631, Peoria, AZ, Roof and parapet wall repairs Facilities Maintenance & Support, Bldg 1762, Phoenix, AZ – Repair existing roof with application of insulation board and single ply roof system. 7130 W Fairfield, Bldg 1521, Chandler, AZ – Repair and recoat existing roof with white elastomeric coating Globe Maintenance Office, Globe, AZ – Replace existing HVAC Units and roofing</p>	<p>Alvin Spencer</p> <p>↓</p>	<p>24</p>
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**Arizona State Hospital (ASH)
Chiller Replacement
Phoenix, AZ**



**Arizona State Hospital (ASH)
Chiller Replacement
Phoenix, AZ**

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Project Description by Agency

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8430	Corporation Commission-Attorney General, 1200-1275 W. Washington, Phoenix, AZ - Central Plant Repair-Replacement	William Anderson	11
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*Note: ASPC - acronym for Arizona State Prison Complex



**ADJC Adobe Mountain School
Firefighting Water Distribution Sys.
Phoenix, AZ**



**ADJC Adobe Mountain School
Firefighting Water Distribution Sys.
Phoenix, AZ**

ADOA

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ARIZONA DEPARTMENT OF JUVENILE CORRECTIONS (ADJC)

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4046	ADJC Adobe Mountain Schools, Plumbing Chase Pipe Replacement Phx, Arizona		20
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4046TL.2	ADJC Adobe Mountain Schools, Fan Coil Unit Replacement Phx, Arizona		22

ARIZONA DEPARTMENT OF PUBLIC SAFETY (DPS)

9505	DPS Tucson, CI Bldg., 6401 S. Tucson, Blvd., Tucson, AZ Fire Alarm System Replacement	Bill Anderson	23
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ARIZONA DEPARTMENT OF TRANSPORTATION (ADOT)

ADOT Building Renewal Projects - FY2014-2015

Facilities Equipment Shop 2080, Globe, AZ – Replace HVAC system.
Port of Entry W/B I-8 2017, Yuma, AZ – Replace failing a/c unit.
9651 N 99 Ave. West Valley Construction Office Bldg. 1631, Peoria, AZ –
 Roof and parapet wall repairs.
200 N ADOT Ln Winslow MVD, Winslow, AZ – Replace windows.
Facilities Maintenance & Support, Bldg 1762, Phoenix, AZ – Repair
 existing roof with application of insulation board and single ply roof system.
7130 W Fairfield, Bldg 1521, Chandler, AZ – Repair and recoat existing
 roof with white elastomeric coating..
Various Sites, Central District, Maricopa County, AZ – Review existing
 roofs and assist ADOT to establish a priority list for repair and maintenance.
Grey Peak Residence 2144, Greenlee County, AZ – Replace windows
Globe Maintenance Office, Globe, AZ – Replace existing HVAC Units
 and roofing
Tucson Regional MVD, Tucson, AZ – Repaint building exterior.
Tucson East MVD, Tucson, AZ – Repaint building interior and exterior.
Grey Peak Maintenance Yard, Greenlee County, AZ – Repaint
 the exterior of all buildings.

Alvin Spencer	24-25
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**ADVS Arizona Veterans' Memorial Cemetery @ Camp Navajo
Belmont, AZ**



**ADVS Arizona Veterans' Memorial Cemetery @ Camp Navajo
Belmont, AZ**

ADOA

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ARIZONA DEPARTMENT OF TRANSPORTATION (ADOT)

ADOT Building Renewal Projects - FY2014-2015

<p>Globe Equipment Storage, Globe, AZ – Repaint the building exterior.</p> <p>Grey Peak Modular Residence, Greenlee County, AZ – Replace existing windows with energy efficient windows.</p> <p>Safford District Office, Safford, AZ – Repaint the exterior of all site buildings.</p> <p>Payson Equipment Shop, Payson, AZ – Replace failed building siding with new panels.</p>	<p>Alvin Spencer</p> <p>↓</p>	<p>25</p>
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ARIZONA DEPARTMENT OF VETERANS' SERVICES (ADVS)

<p>9009 Arizona Veterans' Memorial Cemetery @ Camp Navajo, Belmont, AZ</p> <p>9011 Arizona Veterans' Memorial Cemetery @ Marana, AZ</p>	<p>Jeff Pugh</p> <p>Jeff Pugh</p>	<p>26-27</p> <p>28-29</p>
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ARIZONA HISTORICAL SOCIETY MUSEUM - TEMPE MUSEUM

<p>8647TL.2 AHS Tempe Museum, 1300 N. College Ave., Tempe, AZ FA Replacement System</p>	<p>Janet Collegio</p>	<p>30-31</p>
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ARIZONA SCHOOL FOR THE DEAF and BLIND/Tucson Campus

<p>8954TL.5A ASDB Tucson, Fire Alarm Replacement System, Maricopa Dorm, Tucson, AZ</p> <p>8954TL.5B ASDB Tucson, Fire Alarm Replacement System, Palo Verde Dorm, Tucson, AZ</p>	<p>Janet Collegio</p> <p>↓</p>	<p>32</p> <p>33</p>
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ARIZONA STATE TUCSON OFFICE COMPLEX

<p>8630TL.15 Arizona State Tucson Office Complex - EMS Upgrades 400, 402, 416 W. Congress, Tucson, AZ</p>	<p>Bill Anderson</p>	<p>34</p>
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**Arizona Dept. Public Safety
6401 S. Tucson Blvd., Tucson, AZ
Fire Alarm Replacement**



**Capitol Mall Records Retention
1919 W. Jefferson, Phx, AZ
Fire Alarm Replacement**

LEGEND:

- Date Funded: *Date funding assigned to the project
- Project Manager: Individual assigned to carry out and be responsible for construction of all portions of the project
- Senior Project Manager: Oversees the Project Manager
- Budget: The sum established as available for the entire project including but not limited to professional fees, contingency allowance and construction of the project
- Budget Source: *Where the money is appropriated from - Capital Appropriation, Building Renewal, Operations, Client Funded etc.
- Architect/Engineer (A/E): Licensed Consultant hired to perform architectural/engineering services including analyzing project requirements, creating and developing project designs, preparing drawings and specifications, bidding and general construction administration of the construction contract
- Contractor: Company hired to provide all materials, labor, equipment and supervision to perform all necessary work to complete the project
- Statewide Statutory Review Project Number: Plans and Specifications reviewed by State Engineer for code compliance are given a specific project number by State Engineer's office
- Completion Dates**
- Construction Documents: *Anticipated date when Construction Documents/Drawings and Specifications (description of materials and workmanship required) are completed by the A/E for bidding for pricing purposes
- Bid Date: Date for the receipt of bids (cost proposals) from the Contractors
- Notice to Proceed (NTP): Written notice to Contractor indicating the date established to proceed with the project
- Substantial Completion: Date certified by Architect when the project or designated portion of the project is sufficiently complete for the use for which it is intended
- Target Completion: *Date identified by ADOA Construction Services and Client when Client can expect the project to be finally complete

*ADOT projects excluded. All ADOT projects are considered Client Funded as ADOA receives no information regarding Budget Source, Funding Year, etc. when projects are assigned to ADOA by ADOT.



**1700 W. Washington, SES Replacement
Phoenix, AZ**



**1700 W. Washington, SES Replacement
Phoenix, AZ**

FREQUENTLY USED ACRONYMS

- ACM:** Asbestos Containing Material
- CA:** Construction Administration - additional services performed by A/E (not under basic services) to administer the construction contract (facilitate project communications, maintain project records, review and certify pay applications, review shop submittals/drawings, attend progress meetings, perform site visits, ensure that construction is per plans, specifications and codes).
- CD:** Construction Documents - prepared drawings and specifications from the approved design development documents comprising the working drawings (drawings intended for use by a contractor, subcontractor, or fabricator) which form part of the contract documents for a building project.
- CCD:** Construction Change Directive - a directive for changes in the Work for use where the Owner and Contractor have not reached an agreement on proposed changes in the Contract, the contract sum or contract time.
- CO:** Change Order - a written order to the Contractor (signed by the Owner and the Architect), issued after the execution of the Contract, authorizing a change in the Work or an adjustment in the contract sum or the contract time, as originally defined by the contract documents.
- COP:** Certificates of Participation - a type of financing where an investor purchases a share of the lease revenues of a program rather than the bond being secured by those revenues. The authority usually uses the proceeds to construct a facility that is leased to the municipality.
- CM@R:** Construction Manager @ Risk - is a delivery method which entails a commitment by the Construction Manager to deliver the project within a Guaranteed Maximum Price (GMP), acting in the owner's interest. The Construction Manager must manage and control construction costs to not exceed the GMP.
- CRAC:** Computer Room Air Conditioner
- DCN:** Design Change Notice - a written order to the Architect/Engineer issued after the execution of their contract to direct the A/E of an addition or change in scope of work to the construction project.
- DD:** Design Development Documents - documents prepared by the Architect and other documents, to fix and describe the size and character of the entire project, as to structural, mechanical and electrical systems, materials and such other essentials as may be appropriate (and also when a further statement of probable construction cost may be submitted) for the owner's approval and review.
- EIFS:** Exterior Insulation and Finish System - a synthetic stucco weatherproofing and insulation system that is lightweight, inexpensive and very flexible. EIFS consists of an extruded (XPS) or expanded polystyrene (EPS) or a polyisocyanurate foam glass fiberboard for insulation and an acrylic stucco finish for weatherproofing.
- ESCO:** Energy Service Company - a professional business providing a broad range of comprehensive energy solutions including designs and implementation of energy savings projects.

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- ESPC:** Energy Savings Performance Contract - an agreement with a private energy service company (ESCO). The ESCO will identify and evaluate energy-saving and water saving opportunities and then recommend a package of improvements to be paid for through savings. The ESCO will guarantee that savings meet or exceed annual payments to cover all project costs, usually over a contract term of seven to ten years or longer. If the guaranteed savings aren't realized, the ESCO pays the difference between the actual and projected cost. To ensure savings, the ESCO offers staff training and long-term maintenance services.
- FOAM:** Division of ADOA - Facilities Operations and Maintenance - provides service in the areas of maintenance, custodial, grounds and landscaping, and HVAC operations.
- GMP:** Guaranteed Maximum Price - (also known as Not-To-Exceed Price, NTE, or NTX) contract is a cost-type contract (also known as an open-book contract) where the contractor is compensated for actual costs incurred plus a fixed fee subject to a ceiling price. The contractor is responsible for cost overruns, unless the GMP has been increased via formal Change Order (only as a result of additional scope from the client, not price overruns, errors, or omissions). Savings resulting from cost under runs are returned to the Owner, or shared with the Contractor as an incentive.
- HVAC:** The abbreviation for heating, ventilation and air conditioning systems, used in building design and construction.
- IGA:** Investment Grade Audit - is a technical and economic analysis of potential energy saving projects in a facility.
- JCCR:** Joint Committee on Capital Review - committee that ascertains facts and makes recommendations to the Legislature regarding State expenditures for land, buildings and improvements.
- JOC:** Job Order Contract - is a way for organizations to get numerous, commonly encountered construction projects done quickly and easily through multi-year contracts. JOC reduces unnecessary levels of engineering, design, and contract procurement time along with construction project procurement costs by awarding long-term contracts for a wide variety of renovation, repair and construction projects. Projects are priced from the Owner's unit cost book rather than bid.
- MPE:** The abbreviation for mechanical, plumbing and electrical systems.
- NTP:** Notice to Proceed.
- PEA:** Preliminary Energy Audit - an early audit of the energy and water systems of a building to identify opportunities for an ESPC.
- PDU:** Power Distribution Unit - a device used in datacenters to distribute AC power to multiple servers and other equipment.
- RFP:** Request for Proposal - document sent by a potential buyer to potential vendors soliciting price quotes.
- RFQ:** Request for Quote - document sent to potential vendors soliciting price quotes OR
Request for Qualifications - used to indicate that the Owner is seeking qualifications from a design firm (usually an architect or engineer).
- SPO:** State Procurement Office - serves as the central authority on procurement statutes and rules for all governmental bodies of the State.
- TBD:** To be determined.
- UPS:** Uninterruptible Power Supply - a device that provides battery backup when the electrical power fails or drops to an unacceptable voltage level.
- VCT:** Vinyl Composition Tile - A resilient floor covering which is composed of a binder (one or more resins, such as vinyl chloride, compounded with suitable plasticizer and stabilizers) with fillers, and pigment.

**Arizona Department of Administration
ADOA Security System Replacement
Assessment, Design and Construction
Capitol Mall, Phoenix, AZ**

Date Funded:	11/03/14		
Senior Project Manager:	Janet Collegio		
Project Manager:	John Webster		
General Manager:	Roger Berna		
Budget:	\$3,850,000.00		
Budget Source:	BR #615019-00	Index No: 21460	(\$1,850,000)
	Capital Appropriation:	Index No: 21950	(\$2,000,000)
	Laws 2013, Chapter 8, 51 st Leg. 1 st Special Session		
Architect/Engineer:	Arrington Watkins Architects, LLC		
Contractor:	Sun Eagle Corporation		
Statewide Statutory Review Project #:	CG-13-09		

Completion Dates

Construction Documents:	09/14	100	Percent Complete
Notice to Proceed:	12/22/14		
Substantial Completion:	10/18/15	30	Percent Complete
Target Completion:	11/02/15		

Project Description:

A.R.S. 41-791 directs ADOA's responsibility for security of its 73 buildings. ADOA's current electronic command and control security system, which controls facility badge access and monitors alarms of a variety of types, is over 25-years old, obsolete, in chronic repair-mode, unsupported by current technology, and does not meet ADOA's current needs. ADOA has procured the services of Construction-Manager-at-Risk (CMAR) that will serve as the general contractor throughout construction, and assume the risk of delivering the project through a fixed lump sum or Guaranteed Maximum Price (GMP) contract. This \$3.85 million project will replace the existing access control system ("brain"); select and issue new access control cards; and integrate the new system with HRIS. The fundamental framework of the new card access system will facilitate future expansion of the system and integration of additional building components as funding becomes available.

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Project Status:

- ❖ *Building walks with the Facilitator have been completed.*
- ❖ *Meetings are being held weekly to coordinate the present data base into the new Lenel data base.*
- ❖ *Photographs of all active employees in the ADOA managed buildings have been taken in preparation for issuing new cards as the buildings are converted to the new access system.*
- ❖ *The software and servers have been received and installed with construction of the new data base underway.*
- ❖ *The preliminary development phase is nearly finished and hard construction is expected to start June 22, 2015.*

**Corporation Commission / Attorney General
1200 / 1275 West Washington Phoenix, AZ
Central Plant Repair / Replacement**

Date Funded:	04/28/15
Project Manager:	William Anderson
Senior Project Manager:	Janet Collegio
General Manager:	Roger Berna
Budget:	\$200,000 (Design)
Budget Source:	BR615007-02 Index 21465
Architect/Engineer:	LSW Engineers Arizona, Inc.
Contractor:	TBD
Statewide Statutory Review Project #	CG-15-11

Completion Dates

Construction Documents:	10/16/15	0	Percent Complete
Bid Date:	11/20/15		
Notice to Proceed:	12/04/15		
Substantial Completion:	03/25/16	0	Percent Complete
Target Completion:	04/22/16		

Project Description

Provide Construction Administration and Project Management for the repair / replacement of the Central Plant and related equipment for the Corporation Commission and Attorney General buildings to allow for the reliable and efficient operation of the facilities.

Project Status

❖ *A proposal has been received from LSW Engineers and is under review.*

**Arizona Department of Administration
Executive Tower Service Entrance Section (SES) Replacement
1700 W. Washington, Phoenix, AZ**

Date Funded:	07/01/11		
Project Manager:	William Anderson		
Senior Project Manager:	Janet Collegio		
General Manager:	Roger Berna		
Budget:	\$1,133,000	BR2013-22	Index 21440
	\$ 930,000	BR614009-00	Index 21450
	Total funding: \$2,063,000		
Architect/Engineer:	LSW Engineers Arizona, Inc.		
Contractor:	Data Specialties Inc.		
Statewide Statutory Review Project #	CG-12-11		

Completion Dates

Construction Documents:	01/15/13	100	Percent Complete
Bid Date:	03/20/14		
Notice to Proceed:	05/22/14		
Substantial Completion:	12/16/14	99	Percent Complete
Target Completion:	06/30/15		

Project Description

Replace the antiquated Electrical Service Entrance at the Executive Tower at 1700 W. Washington, Phoenix, AZ and install the new SES in a new above ground location that is less vulnerable to flooding.

Project Status

- ❖ *The remaining Closeout Documents, the G706 and G706A are enroute.*
- ❖ *The SES monitoring equipment is being re-programmed to expand its reporting of the data being monitored.*

**Arizona Department of Corrections HR Building
New Fire Alarm Replacement System
1831 W. Jefferson, Phoenix, Arizona**

Date Funded:	06/16/14		
Senior Project Manager:	Janet Collegio		
General Manager:	Roger Berna		
Budget:	\$75,000.00		
Budget Source:	BR 614001-05	Index No.	21465
Architect/Engineer:	LSW Engineers Arizona, Inc.		
Contractor:	JOC – The SJ Anderson Company (in conjunction with Firetrol Protection Systems)		
Statewide Statutory Review Project #	CG-09-03(TI.9)		

<u>Completion Dates</u>			
Construction Documents:	12/31/14	100	Percent Complete
Bid Date:	N/A		
Notice to Proceed:	03/19/15		
Substantial Completion:	06/30/15	45	Percent Complete
Target Completion:	06/30/15		

Project Description

Engineer is to design a new fire alarm replacement system and provide construction administration services for 1101 W. Washington; 1919 W. Jefferson and 1831 W. Jefferson. General Contractor (JOC) in conjunction with Firetrol Protection Systems, fire alarm contractor is to furnish and install a new fire alarm system in this building starting with 1101 W. Washington then 1919 W. Jefferson then 1831 W. Jefferson.

Project Status

- ❖ *Wire has been pulled on the first floor and half way through the second floor.*
- ❖ *The new remote annunciator has been installed on the west-side Lobby.*

JC8709TI9.C

**Arizona Department of Administration
1300 W. Washington, Phoenix, AZ
Elevator Modernization**

Date Funded:	11/21/13	
Project Manager:	John Webster	
Senior Project Manager:	Janet Collegio	
General Manager:	Roger Berna	
Budget:	\$500,000	
Budget Source:	BR 614008-02	Index 21450
Architect/Engineer:	Sun Engineering/Vertical Transportation Excellence (VTX)	
Contractor:	Builders Guild, Inc.	
Statewide Statutory Review Project #:	CG-13-29	

Completion Dates

Construction Documents:	05/19/14	100	Percent Complete
Bid Date:	08/12/14		
Notice to Proceed:	01/07/15		
Substantial Completion:	10/26/15	20	Percent Complete
Target Completion:	11/10/15		

Project Description:

Sun Engineering and their design team (VTX & CH Architects) provided an elevator modernization assessment that identified the components on the elevator system that needed to be upgraded or replaced. The assessment also provided a construction cost estimate for the project. The Sun Engineering team is responsible for re-designing the elevator with modern components so that the elevator will operate more efficiently and be more reliable. Sun Engineering and the design team are also responsible for providing bidding support and construction administration during the construction phase of the project.

Project Status

- ❖ *Builders Guild started the preliminary construction process on January 7, 2015.*
- ❖ *Shop drawings have been reviewed.*
- ❖ *Hard construction is expected to start end of June.*

JCW 8720B

**Arizona Department of Administration
2910 N. 44th Street, Phoenix, AZ
Elevator Modernization**

Date Funded:	03/18/15		
Project Manager:	John Webster		
Senior Project Manager:	Janet Collegio		
General Manager:	Roger Berna		
Budget:	\$500,000		
Budget Source:	BR 615014-01	Index 21460	
Architect/Engineer:	Sun Engineering/Vertical Transportation Excellence (VTX)		
Contractor:	TBD		
Statewide Statutory Review Project #:	CG-13-29		

<u>Completion Dates</u>			
Construction Documents:	05/21/15	100	Percent Complete
Bid Date:	NA		
Notice to Proceed:	TBD		
Substantial Completion:	01/31/16	0	Percent Complete
Target Completion:	02/15/16		

Project Description:

Sun Engineering and their design team (VTX & CH Architects) provided an elevator modernization assessment that identified the components on the elevator system that needed to be upgraded or replaced. The assessment also provided a construction cost estimate for the project. The Sun Engineering team is responsible for re-designing the elevator with modern components so that the elevator will operate more efficiently and be more reliable. Sun Engineering and the design team are also responsible for providing construction administration during the construction phase of the project.

Project Status

- ❖ *The plans are 100% complete and are being quoted by the JOC contractor, SJ Anderson.*
- ❖ *The quote is anticipated by June 5, 2015.*

**Arizona Department of Corrections (ADC)
ASPC Lewis – Potable Well #6
Buckeye, AZ**

Date Funded:	08/07/14	
Project Manager:	John Webster	
Senior Project Manager:	Janet Collegio	
General Manager:	Roger Berna	
Budget:	\$2,000,000.00	
Budget Source:	Client Funded	Index 20702
Architect/Engineer:	Southwest Ground-water Consultants, Inc.	
Contractor:	TBD	
Statewide Statutory Review Project #:	CG 14-23	

<u>Completion Dates</u>			
Construction Documents:	02/13/15	100	Percent Complete
Phase 1:			
Bid Date:	05/27/15		
Notice to Proceed:	TBD		
Substantial Completion:	10/15/15	0	Percent Complete
Target Completion:	10/30/15		
Phase 2:			

Project Description:

The project is to drill a new potable well for the Lewis Prison Complex. It will be the main well for the prison. Well 3 and Well 4 will be backup wells when Well 6 requires maintenance.

Project Status

- ❖ *Bid documents were advertised on 04/16/15, pre-bid site tour was 05/07/15 and bid date was 05/27/15. Two bids were received and are presently being reviewed for award.*
- ❖ *The project will start with a pilot hole down to 1200 feet that will be extensively tested for water quality. When approved for development, the pilot hole will be drilled out larger for installation of the well casing.*
- ❖ *The second phase will start after completion of the well casing which will be the installation of well gear and electrical equipment.*
- ❖ *The two phases will be bid separately.*

**Arizona Department of Health Services (ADHS)
Arizona State Hospital – Chiller Replacements
2500 East Van Buren Street, Phoenix AZ**

Date Funded:	09/11/14	
Project Manager:	Roger Berna	
General Manager:	Roger Berna	
Budget:	\$114,107 (Design) ¹ \$1,000,000 (Construction) ²	
Budget Source:	BR 615012-02	Index No. 21460 ¹
	BR 615018-00	Index No. 21460 ²
Architect/Engineer:	Bridgers and Paxton Consulting Engineers, Inc.	
Contractor:	JOC - Johnson Controls	
Statewide Statutory Review Project #	CG 14-17	

<u>Completion Dates</u>			
Construction Documents:	01/31/15	100	Percent Complete
Bid Date:	N/A		
Notice to Proceed:	04/06/15		
Substantial Completion:	06/30/15	80	Percent Complete
Target Completion:	06/30/15		

Project Description

Scope has been revised for the replacement of one 700 ton chiller, chilled water pumps and all associated piping, valves and accessories, including upgrades to the energy management system (EMS) and controls.

Project Status

- ❖ *Johnson Controls (JCI) has installed the condenser water pipe supports. The chilled water piping is on-going and the new primary pump is set. The new chiller was installed on May 28th.*
- ❖ *JCI is providing two 400 ton air cooled rental chillers to provide uninterrupted cooling for the campus during construction of the condenser water piping. The rental chillers will be installed the week of June 1st and remain in place for the month.*
- ❖ *Controls work by JCI is on-going. Software for the new EMS system will be installed on a server provided by DHS.*
- ❖ *The Engineer is preparing plans for the installation of an additional exit door for code required exit separation.*
- ❖ *All work is on schedule and within budget.*

**Arizona Department of Juvenile Corrections (ADJC)
 Adobe Mountain Schools, Phoenix, AZ
 ADJC Fire Fighting Water Distribution System**

Date Funded:	08/09/13		
Senior Project Manager:	Armando Milheiro		
General Manager:	Roger Berna		
Budget:	\$1,387,765.48		
Budget Source:	BR 614003-00	Index 21450	\$1,198,189.68
	BR 615003-00	Index 21465	\$ 189,575.80
Architect/Engineer:	David Evans & Associates (DEA)		
Contractor:	Redpoint Contracting		
Statewide Statutory Review Project #:	CG-13-16		

<u>Completion Dates</u>			
Construction Documents:	05/15/14	100	Percent Complete
Bid Date:	08/20/14		
Notice to Proceed:	09/15/14		
Substantial Completion:	09/30/15	90	Percent Complete
Target Completion:	10/30/15		

Project Description:

Design, replace and relocate existing fire hydrants as well as upgrade firefighting waterlines to meet code. In addition, design and construct fire lanes campus wide.

Project Status

- ❖ *Redpoint began construction on the expansion of fire lines and hydrants in the areas designated section #5 located in the heart of the Adobe Mountain facility.*
- ❖ *Redpoint is still encountering a great number of unknown subsurface utilities. There have been a few damages, but were unavoidable as there were no accurate as-builts and the locator did not find many of the utilities on site.*
- ❖ *Redpoint has begun work on the fire lane around the entire Adobe Mt. Campus.*

**Arizona Department of Juvenile Corrections (ADJC)
Adobe Mountain Schools, Phoenix, AZ
ADJC New Access Controls and Locks**

Date Funded:	08/09/13	
Senior Project Manager:	Armando Milheiro	
General Manager:	Roger Berna	
Budget:	\$ 219,389.04	
Budget Source:	BR 615003-00	Index 21465
Architect/Engineer:	David Evans & Associates (DEA)	
Contractor:	TBD	
Statewide Statutory Review Project #:	CG-13-16	

Completion Dates

Construction Documents:	07/10/15	70	Percent Complete
Bid Date:	07/31/15		
Notice to Proceed:	08/14/15		
Substantial Completion:	10/23/15	0	Percent Complete
Target Completion:	11/23/15		

Project Description:

Design new control panels that will interface correctly with replacement locks for the existing cells. Purchase of the replacement locks will be under this project, and ADJC will install the locks.

Project Status

❖ *Working with David Evans & Associates to finalize design this month.*

AJM 4045TI.1

**Arizona Department of Juvenile Corrections (ADJC)
Adobe Mountain Schools, Phoenix, AZ
ADJC Replace Plumbing Chase Piping**

Date Funded:	10/24/13
Senior Project Manager:	Armando Milheiro
General Manager:	Roger Berna
Budget:	\$424,468.15
Budget Source:	BR 614010-00 Index 21450
Architect/Engineer:	Energy Systems Design (ESD)
Contractor:	JOC – The SJ Anderson Company
Statewide Statutory Review Project #:	CG-13-20

Completion Dates

Construction Documents:	07/09/14	100	Percent Complete
Bid Date:	04/09/15		
Notice to Proceed:	04/08/15		
Substantial Completion:	04/31/16	10	Percent Complete
Target Completion:	05/31/16		

Project Description:

Design, remove and replace existing plumbing chase in six (6) buildings. This project will consist of working on one (1) building at a time to minimize disturbance on the ADJC campus.

Project Status

- ❖ *S. J. Anderson Company started work on the Vision Building 05/25/15 with the demolition of the existing piping in the Vision Building.*
- ❖ *Work activity is contained within the building and secured.*
- ❖ *Piping contractor on site starting 06/01/15 to begin their scope and should be complete by 06/08/15.*

**Arizona Department of Juvenile Corrections (ADJC)
Adobe Mountain Schools, Phoenix, AZ
ADJC Fire Suppression System**

Date Funded:	07/17/14	
Senior Project Manager:	Armando Milheiro	
General Manager:	Roger Berna	
Budget:	\$ 413,812.42	
Budget Source:	BR 615003-00	Index 21465
Architect/Engineer:	Energy Systems Design (ESD)	
Contractor:	JOC – The SJ Anderson Company	
Statewide Statutory Review Project #:	CG-13-20	

Completion Dates

Construction Documents:	07/09/14	100	Percent Complete
Bid Date:	04/09/15		
Notice to Proceed:	04/29/15		
Substantial Completion:	04/31/16	10	Percent Complete
Target Completion:	05/31/16		

Project Description:

Design and install new fire sprinkler system in six (6) buildings on the ADJC campus. This project will be completed in tandem with the Chilled Water Piping system project.

Project Status

- ❖ *S. J. Anderson Company started work on the Vision building 05/25/15 with the demolition of the existing piping in the Vision Building.*
- ❖ *Work activity is contained within the building and secured.*
- ❖ *Piping contractor on site starting 06/01/15 to begin their scope.*
- ❖ *Sprinkler Contractor scope, this phase, should be complete by 06/12/15.*

**Arizona Department of Juvenile Corrections (ADJC)
Adobe Mountain Schools, Phoenix, AZ
ADJC Fan Coil Unit Replacement**

Date Funded:	07/17/14	
Senior Project Manager:	Armando Milheiro	
General Manager:	Roger Berna	
Budget:	\$67,897.05	
Budget Source:	Transfer from ADJC	Index 20706
Architect/Engineer:	Energy Systems Design (ESD)	
Contractor:	JOC – The SJ Anderson Company	
Statewide Statutory Review Project #:	CG-13-20	

Completion Dates

Construction Documents:	07/09/14	100	Percent Complete
Bid Date:	04/09/15		
Notice to Proceed:	04/28/15		
Substantial Completion:	04/31/16	75	Percent Complete
Target Completion:	05/31/16		

Project Description:

Design and specification of four (4) fan coils to be placed in the Vision Building at Adobe Mountain Campus.

Project Status

- ❖ *All (4) fan coils have been received and installed.*
- ❖ *Inspection of fan coils will be week of June 15, 2015.*

**Arizona Department of Public Safety
Southern Region Office, 6401 S. Tucson, Blvd., Tucson, AZ
Fire Alarm System Replacement**

Date Funded:	11/18/14
Project Manager:	William Anderson
Senior Project Manager:	Janet Collegio
General Manager:	Roger Berna
Budget:	\$30,000 Design only
Budget Source:	BR614014-02 Index: 21450
Budget:	\$195,000 Construction Index: 21460
Budget Source:	BR614015-00
Architect/Engineer:	LSW Arizona Engineers, Inc.
Contractor:	JOC – Centennial CE, Inc.
Statewide Statutory Review Project #	CG 14-09

Completion Dates

Construction Documents:	09/15/14	100	Percent Complete
Bid Date:	N/A		
Notice to Proceed:	01/05/15		
Substantial Completion:	03/30/15	99	Percent Complete
Target Completion:	06/30/15		

Project Description

Provide Construction Administration and Project Management to Replace the Fire Alarm System.

Project Status

- ❖ *Installation of the new Fire Alarm is complete.*
- ❖ *Assembling Closeout Documents*

WFA 9505

Arizona Department of Transportation (ADOT) 2015 – 2016 Building Renewal Projects

Date Assigned:	Throughout
Project Manager:	Alvin Spencer
Senior Project Manager:	Mike Rank
General Manager:	Roger Berna
Budget Source:	Purchasing and Payments by ADOT
Statewide Statutory Review Project #:	See Individual ADOT Projects

Completion Dates

Notice to Proceed:	Various Dates
Substantial Completion:	Various Dates
Target Completion:	Various Dates

Project Description

ADOT provides Architectural/Engineering (A/E) services; ADOA provides Construction Administration (CA) and Project Management (PM) services for the ADOT projects listed below.

Projects

- ❖ **Facilities Equipment Shop 2080, Globe, AZ** – Replace HVAC system.
Status: This project will commence spring 2015.
- ❖ **Port of Entry W/B I-8 2017, Yuma, AZ** – Replace failing a/c unit.
Status: This project will commence spring 2015.
- ❖ **9651 N 99 Ave. West Valley Construction Office Bldg. 1631, Peoria, AZ** – Roof and parapet wall repairs.
Status: This project is complete.
- ❖ **200 N ADOT Ln Winslow MVD, Winslow, AZ** – Replace windows.
Status: The window installation is scheduled to start 06/10/2015.
- ❖ **Facilities Maintenance & Support, Bldg 1762, Phoenix, AZ** – Repair existing roof with application of insulation board and single ply roof system.
Status: This project is complete.
- ❖ **7130 W Fairfield, Bldg 1521, Chandler, AZ** – Repair and recoat existing roof with white elastomeric coating.
Status: This project is complete.
- ❖ **Various Sites, Central District, Maricopa County, AZ** – Review existing roofs and assist ADOT to establish a priority list for repair and maintenance.
Status: The site review and evaluation is complete.

continued....

- ❖ **Grey Peak Residence 2144, Greenlee County, AZ** – Replace windows.
Status: A purchase order for this work is will be issued.
- ❖ **Globe Maintenance Office, Globe, AZ** – Replace existing HVAC Units and roofing.
Status: This project is complete.
- ❖ **Tucson Regional MVD, Tucson, AZ** – Repaint building exterior.
Status: A contract has been awarded.
- ❖ **Tucson East MVD, Tucson, AZ** – Repaint building interior and exterior.
Status: A contract has been awarded.
- ❖ **Grey Peak Maintenance Yard, Greenlee County, AZ** – Repaint the exterior of all buildings.
Status: A contract has been awarded.
- ❖ **Globe Equipment Storage, Globe, AZ** – Repaint the building exterior.
Status: A contract has been awarded.
- ❖ **Grey Peak Modular Residence, Greenlee County, AZ** – Replace existing windows with energy efficient windows.
Status: Window design is under review.
- ❖ **Safford District Office, Safford, AZ** – Repaint the exterior of all site buildings.
Status: A contract has been awarded.
- ❖ **Payson Equipment Shop, Payson, AZ** – Replace failed building siding with new panels.
Status: The replacement panels have been ordered.

**Arizona Department of Veterans' Services
Arizona Veterans' Memorial Cemetery at Camp Navajo
14317 Veterans Way, Bellemont, AZ 86015**

Date Funded:	03/14
Project Manager:	Jeff Pugh
Senior Project Manager:	Janet Collegio
General Manager:	Roger Berna
Budget:	\$7,450,000
Budget Source:	U S Department of Veterans Affairs Cemetery Grants Administration
Architect/Engineer:	David Evans & Associates and Orcutt Winslow
Contractor:	SDB Contractors, Inc.
Statewide Statutory Review Project #:	VS-12-01

Completion Dates

Construction Documents:		100	Percent Complete
Bid Date:	06/27/14		
Notice to Proceed:	07/14/14		
Substantial Completion:	12/20/15	65	Percent Complete
Target Completion:	12/20/15		

Project Description:

Design and construction of Northern Arizona Veterans Memorial Cemetery roadways, family assembly area and committal shelter, 1994 square foot maintenance facility, 1270 gross square foot visitor and administration center.

The project provides a variety of burial options for the local veterans including in-ground casket burials, columbaria walls, in-ground cremain burials, and a scatter garden with memorial walls. The site is planned to maximize interment for as many years as possible with each phase supporting approximately 10 years of service. The first phase of development includes the following interment types and quantities: 274 In-Ground Double Depth Pre-Placed Crypts; 222 in-ground cremain; 220 Columbaria Niches and Memorial Wall Markers.

Project Status

- ❖ *SDB Contractors, Inc. work was limited during the month of May due to inclement weather.*
- ❖ *Masonry block work on the Maintenance Building, Committal Shelter and Visitors' Center is complete.*
- ❖ *All structural steel has been erected.*

continued....

- ❖ *Roof decking has been completed on Maintenance and Storage Center (MSC), Committal Shelter (CS) and Visitor/Administrative Center (VAC).*
- ❖ *All roads are cut in and aggregate base has been installed and prepared for asphalt. However, due to inclement weather, the aggregate base will need to be reworked, compacted and tested prior to asphalt installation.*
- ❖ *Concrete slab at CS facility is complete.*
- ❖ *Concrete masonry entry wall is complete.*
- ❖ *Site underground electrical is complete.*
- ❖ *Maintenance and Storage Center waterproofing has been completed.*
- ❖ *Visitor Center light gauge framing installation is ongoing and HVAC and electrical installation is about 45% complete.*
- ❖ *Plumbing at MCS and VAC buildings rough-in is ongoing.*
- ❖ *Columbaria footing installation has begun and ongoing.*
- ❖ *Landscaping and irrigation waterline installation is a work in progress*
- ❖ *Light gauge roof framing on VAC and CS complete.*

**Arizona Department of Veterans' Services
Arizona Veterans' Memorial Cemetery @ Marana
Marana, AZ**

Date Funded:	10/2013
Project Manager:	Jeff Pugh
Senior Project Manager:	Janet Collegio
General Manager:	Roger Berna
Budget:	\$7,800,000
Budget Source:	U S Department of Veterans Affairs Cemetery Grants Administration
Architect/Engineer:	David Evans & Associates
Contractor:	SDB Contractors, Inc.
Statewide Statutory Review Project #:	VS-14-01

<u>Completion Dates</u>			
Construction Documents:		100	Percent Complete
Bid Date:	07/25/14		
Notice to Proceed:	09/22/14		
Substantial Completion:	09/09/15	68	Percent Complete
Target Completion:	09/09/15		

Project Description:

Design and construction of Arizona Veterans' Memorial Cemetery at Marana roadways, 1016 square foot family assembly area and committal shelter, 2,282 square foot maintenance facility, 1,788 gross square foot visitor and administration center.

The project provides a variety of burial options for the local veterans including in-ground casket burials, columbaria walls, in-ground cremain burials, and a scatter garden with memorial walls. The site is planned to maximize interment for as many years as possible with each phase supporting approximately 10 years of service. The first phase of development includes the following interment types and quantities: 1,802 3'x 8' In-Ground Double Depth Pre-Placed Crypts; 1,638 3'x4' in-ground cremain; 1,920 Columbaria Niches and Memorial Wall Markers.

Project Status

- ❖ *The water well is drilled and capped. The Contractor is waiting on delivery of well pump.*
- ❖ *Underground electrical and plumbing at the Committal Shelter, Visitor Center and Maintenance Buildings are complete.*

continued....

- ❖ *Maintenance Building (MCS) and the Committal Shelter (CS) have complete steel packages installed and are currently being roofed with light gauge steel. Steel package on the Visitors/Administrative Center (VAC) is ongoing.*
- ❖ *The MCS has its roll up doors installed, interior framing complete, mezzanine is complete. HVAC and electrical installation is 50% complete on the interior of the MSC. At the VAC, 40% of the light gauge framing complete and HVAC and electrical installation is 30%complete.*
- ❖ *Masonry construction for the Committal Shelter, Maintenance Building and the Visitors' Center Buildings are complete.*
- ❖ *1800 pre-cast crypts have been delivered, installed, tested and backfilled. This area is currently barricaded off to keep all traffic off.*
- ❖ *1920 columbarium's have been installed, leveled and fastened in their final location. The Memorial Wall has been erected and the assembly area wall has been completed. Stairs at the assembly area have been installed and complete.*
- ❖ *Roadway and parking area curb and gutter are currently being installed. Curbing at the MSC has been installed in preparation for concrete parking lot pours. Curbing at entrance and all roadways are currently being installed. Irrigation sleeves have been placed under roadways.*
- ❖ *ADVS, Tucson Electric Power (TEP), adjacent private land Owners and the Cantero Water District have reached an agreement on the routing of the electrical utilities to the cemetery site. Trenching for electrical lines has been delayed until July.*

JP 9011

**Arizona Historical Society Museum - Tempe Museum
Fire Alarm Replacement System and a Pre-action System
Phoenix, Arizona**

Date Funded:	05/28/14	
Senior Project Manager:	Janet Collegio	
General Manager:	Roger Berna	
Budget:	\$462,240.00	
Budget Source:	BR 614014-04	Index No. 21450 \$ 30,000.00
	BR 615001-01	Index No. 21465 \$432,240.00
Architect/Engineer:	LSW Engineers Arizona, Inc.	
Contractor:	JOC – The SJ Anderson Company (in conjunction with Firetrol Protection Systems)	
Statewide Statutory Review Project #	CG-14-21	

<u>Completion Dates</u>			
Construction Documents:	11/05/14	<u>100</u>	Percent Complete
Bid Date:	N/A		
<u>New Fire Alarm</u>	04/30/15		
Notice to Proceed:	01/07/15		
Substantial Completion:	08/07/15	<u>90</u>	Percent Complete
<u>New Pre-action System</u>			
Notice to Proceed:	04/30/15		
Substantial Completion:	08/07/15	<u>90</u>	Percent Complete
Target Completion:	06/30/16		

Project Description

Engineer is to design a new fire alarm replacement system and provide construction administration services for a new fire alarm replacement system and a new pre-action system for the Arizona Historical Society Tempe Museum Building

Project Status

New Fire Alarm System

- ❖ *Building is currently under fire watch due to existing fire alarm failure and will remain that way until the new fire alarm replacement system is activated and inspected by the State Fire Marshal.*
- ❖ *The Fire Alarm control Panel-1 is installed behind the Reception Desk.*
- ❖ *Electrical work is still progressing above the new Main Fire Alarm Control Panel in Security Room 144.*
- ❖ *All devices have been installed and all drywall patches have been completed in various locations.*

continued...

Pre-Action System

- ❖ *The repairs to the existing pre-action are nearing completion.*
- ❖ *Once the new alarm system is activated, it will monitor the repaired pre-action system.*

**Arizona State Schools for the Deaf and Blind
New Fire Alarm Replacement System
Maricopa Dormitory
Tucson, Arizona**

Date Funded:	02/09/15		
Senior Project Manager:	Janet Collegio		
General Manager:	Roger Berna		
Budget:	\$500,000		
Budget Source:	BR 615002-00 Index No. 21465	\$13,375.85	
	BR 614002-00 Index No. 21450	\$49,853.86	
Architect/Engineer:	LSW Engineers Arizona, Inc.		
Contractor:	Firetrol Protection Systems		
Statewide Statutory Review Project #	CG-11-03(TI.5)		

<u>Completion Dates</u>			
Construction Documents:	02/11/14	100	Percent Complete
Bid Date:	N/A		
Notice to Proceed:	03/19/15		
Substantial Completion:	10/10/15	0	Percent Complete
Target Completion:	06/30/16		

Project Description

Engineer is to design a new fire alarm replacement system, underground wire and cable and construction administration services

Project Status

- ❖ *Maricopa Dormitory is scheduled for a new fire alarm replacement system to be installed after the Palo Verde Dorm has been completed.*

JC8954TI.5A

**Arizona State Schools for the Deaf and Blind
New Fire Alarm Replacement System
Palo Verde Dormitory
Tucson, Arizona**

Date Funded:	02/09/15
Senior Project Manager:	Janet Collegio
General Manager:	Roger Berna
Budget:	\$500,000
Budget Source:	BR 615002-00 Index No. 21465 \$143,801.84
Architect/Engineer:	LSW Engineers Arizona, Inc.
Contractor:	Firetrol Protection Systems
Statewide Statutory Review Project #	CG-11-03(TI.5)

<u>Completion Dates</u>			
Construction Documents:	02/11/14	100	Percent Complete
Bid Date:	N/A		
<u>Underground Cable / Wire</u>			
Notice to Proceed:	03/19/15		
Substantial Completion:	10/10/15	50	Percent Complete
<u>Palo Verde Dormitory</u>			
Notice to Proceed:	03/19/15		
Substantial Completion:	10/10/15	02	Percent Complete
Target Completion:	06/30/16		

Project Description

Engineer is to design a new fire alarm replacement system, underground wire and cable and construction administration services

Project Status

Palo Verde Dormitory

- ❖ *Building is currently under fire watch because the fire alarm control panel caught fire and rendered the fire panel inoperable.*

Underground Cable / Wire

- ❖ *Firetrol has hired a boring company to do the underground wiring and cable raceways that will connect the buildings to the network Head End located in the Food Service Building.*
- ❖ *The boring company is 50% complete*

**Arizona State Tucson Office Complex
400, 402, 416 W. Congress, Tucson, AZ
EMS Upgrades**

Date Funded:	6/24/13	
Project Manager:	William Anderson	
Senior Project Manager:	Janet Collegio	
General Manager:	Roger Berna	
Budget:	\$703,395.91 ¹ \$385,640.00 ²	
Budget Source:	BR130010 ¹ Index 21440 BR614013-06 ² Index 21450	
Architect/Engineer:	NA	
Contractor:	Climatec	
Statewide Statutory Review Project #	CG-14-03	

Completion Dates

Construction Documents:	NA	100	Percent Complete
Bid Date:	NA		
Notice to Proceed:	04/15/14		
Substantial Completion:	04/30/15	99	Percent Complete
Target Completion:	06/30/15		

Project Description

Provide Construction Administration and Project Management for the upgrade of the Energy Management System (EMS) for the Tucson Complex Buildings to allow the mechanical infrastructure to be monitored and operated from the FOAM (Facilities Operations and Maintenance) HVAC Command Center in Phoenix.

Project Status

- ❖ *Climatec has completed the Punch List.*
- ❖ *The Submittals need to be updated to match the actual installation.*
- ❖ *The Close Out documents are being prepared*

WFA 8630TI.15