

Arizona Department of Administration

Project Status Report



*Arizona Department of Veterans' Services (ADVS)
Arizona Veterans' Memorial Cemetery @ Camp Navajo
Bellemont, AZ*

*Roger Berna, GM
Construction Services
Report as of April 30, 2015*





ADVS Arizona Veterans' Memorial Cemetery, Marana, AZ



ADVS Arizona Veterans' Memorial Cemetery, Marana, AZ

Summary Report

ADOA

Project # Project Description by Agency

Project Manager

Page No

New Projects:

No new Building Renewal or Capitol Projects to report

ADOT Building Renewal Projects - FY2015

Tucson Regional MVD, Tucson, AZ – Repaint building exterior

Alvin Spencer

24-25

Tucson East MVD, Tucson, AZ – Repaint building interior and exterior.

Completed Projects:

8332 Arizona State Hospital (ASH) Replace Fire Alarm System @ Various Bldgs., Phx, AZ

Janet Collegio

19

**8709TL9A Carnegie Library Bldg., 1101 W. Washington, Phx, AZ
Fire Alarm Replacement**



12

**8709TL9B Capitol Mall Records Retention Bldg. 1919 W. Jefferson, Phx, AZ
Fire Alarm Replacement**

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ADOT Building Renewal Projects - FY2015

Grey Peak Rock House Residential Bldg, Greenlee County, AZ

Alvin Spencer

24-25

Replace failing roof system

Central Lab Bldg. 1121, Phoenix, AZ – Repair existing roof.

3409 N Country Club, Bldg 1346, Mesa, AZ – Repair and recoat existing roof with white elastomeric coating





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



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

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**ADOA
Project #**

Project Description by Agency

Project Manager

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8633TI.19	Replace Electrical Service Entrance (SES) @ Executive Tower, Phx, AZ	William Anderson	11
8709TI.9A	Carnegie Library Bldg., 1101 W. Washington, Phx, AZ Fire Alarm Replacement	Janet Collegio	12
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ARIZONA DEPARTMENT OF CORRECTIONS (ADC)

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8333	Arizona State Hospital (ASH) Replace Fire Alarm System @ Various Bldgs., Phx, AZ	Janet Collegio	19
8336	Arizona State Hospital (ASH) Chiller Replacements, Phx, AZ	Roger Berna	20

*Note: ASPC - acronym for Arizona State Prison Complex



**ADOT Grey Peak Residence
Roof Repair, Greenlee County**



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

ADOA

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ARIZONA DEPARTMENT OF JUVENILE CORRECTIONS (ADJC)

4045	ADJC Adobe Mountain Schools-Fire Fighting Water Distribution System Phx, Arizona	Jeff Pugh	21
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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

<p>Grey Peak Rock House Residential Bldg, Greenlee County, AZ Replace failing roof system</p> <p>Facilities Equipment Shop 2080, Globe, AZ – Replace HVAC system.</p> <p>Port of Entry W/B I-8 2017, Yuma, AZ – Replace failing a/c unit.</p> <p>9651 N 99 Ave. West Valley Construction Office Bldg. 1631, Peoria, AZ – Roof and parapet wall repairs.</p> <p>200 N ADOT Ln Winslow MVD, Winslow, AZ – Replace windows.</p> <p>Central Lab Bldg. 1121, Phoenix, AZ – Repair existing roof.</p> <p>Facilities Maintenance & Support, Bldg 1762, Phoenix, AZ – Repair existing roof with application of insulation board and single ply roof system.</p> <p>3409 N Country Club, Bldg 1346, Mesa, AZ – Repair and recoat existing roof with white elastomeric coating.</p> <p>7130 W Fairfield, Bldg 1521, Chandler, AZ – Repair and recoat existing roof with white elastomeric coating..</p> <p>Various Sites, Central District, Maricopa County, AZ – Review existing roofs and assist ADOT to establish a priority list for repair and maintenance.</p> <p>Grey Peak Residence 2144, Greenlee County, AZ – Replace windows</p> <p>Globe Maintenance Office, Globe, AZ – Replace existing HVAC Units and roofing</p> <p>Tucson Regional MVD, Tucson, AZ – Repaint building exterior.</p> <p>Tucson East MVD, Tucson, AZ – Repaint building interior and exterior.</p> <p>Grey Peak Maintenance Yard, Greenlee County, AZ – Repaint the exterior of all buildings.</p>	<p>Alvin Spencer</p>	<p>24-25</p>
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**ADVS Arizona Veterans' Memorial
Cemetery @ Camp Navajo
Bellemont, AZ**



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

ADOA

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ARIZONA DEPARTMENT OF VETERANS' SERVICES (ADVS)

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ARIZONA HISTORICAL SOCIETY MUSEUM - TEMPE MUSEUM

8647TI.2	AHS Tempe Museum, 1300 N. College Ave., Tempe, AZ FA Replacement System	Janet Collegio	30-31
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ARIZONA STATE TUCSON OFFICE COMPLEX

8630TI.15	Arizona State Tucson Office Complex - EMS Upgrades 400, 402, 416 W. Congress, Tucson, AZ	Bill Anderson	32
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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
<u>Completion Dates</u>	
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.



**ADOT Globe Maintenance Ofc
HVAC Replacement, Globe, AZ**



**ADOT Globe Maintenance Ofc
HVAC Replacement, Globe, 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		

<u>Completion Dates</u>			
Construction Documents:	09/14	100	Percent Complete
Notice to Proceed:	12/22/14		
Substantial Completion:	10/18/15	20	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:

- ❖ *Initial work has started and building walks with the Facilitator have been completed.*
- ❖ *Meetings are being held bi-weekly to determine how to coordinate the present data base into the new Lenel data base.*
- ❖ *Photographs of all active employees in the ADOA building system 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 end of May, first part of June 2015.*

JCW 8410

**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:	05/31/15		

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

❖ *Assembling the Closeout Documents.*

**Carnegie Library Building
New Fire Alarm Replacement System
1101 W. Washington Street
Phoenix, Arizona**

Date Funded:	06/16/14	
Senior Project Manager:	Janet Collegio	
General Manager:	Roger Berna	
Budget:	\$58,656.33	
Budget Source:	BR 13-001	Index No. 21440 \$32,739.22
	BR 614001-02	Index No. 21450 \$25,917.11
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:	06/09/14	100	Percent Complete
Bid Date:	N/A		
Notice to Proceed:	10/23/14		
Substantial Completion:	04/06/15	100	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

- ❖ *State Fire Marshal’s (SFM) Office inspected and approved the new fire alarm replacement system on Monday, April 6, 2015 and Substantial Completion was achieved.*
- ❖ *Two year warranty for the system begins as of April 6, 2015.*
- ❖ *This project is in budget and ahead of schedule..*
- ❖ *This project is complete and this will be the final report*

JC8709TI.9A

**Records Retention Building
New Fire Alarm Replacement System
1919 W. Jefferson
Phoenix, Arizona**

Date Funded:	06/16/14	
Senior Project Manager:	Janet Collegio	
General Manager:	Roger Berna	
Budget:	\$106,022.00	
Budget Source:	BR 13-001	Index No. 21440 \$62,109.07
	BR 614001-01	Index No. 21450 \$43,893.21
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:	06/09/14	100	Percent Complete
Bid Date:	N/A		
Notice to Proceed:	10/23/14		
Substantial Completion:	04/14/15	100	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

- ❖ *State Fire Marshal's (SFM) Office inspected and approved the new fire alarm replacement system on Tuesday, April 14, 2015 and Substantial Completion was achieved.*
- ❖ *Two year warranty for the system begins as of April 14, 2015*
- ❖ *This project is in budget and ahead of schedule.*
- ❖ *This project is complete and this will be the final report.*

**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)		

Completion Dates

Construction Documents:	12/31/14	100	Percent Complete
Bid Date:	N/A		
Notice to Proceed:	03/19/15		
Substantial Completion:	05/21/15	25	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

❖ *Waiting for the State Fire Marshal's Office to release permit.*

**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:	09/04/15	20	Percent Complete
Target Completion:	09/19/15		

Project Description:

Sun Engineering and their design team (VTX & CH Architects) shall provide an elevator modernization assessment that identifies the components on the elevator system that needs to be upgraded or replaced. The assessment also provides a construction cost estimate for the project. Upon completion of the assessment, the Sun Engineering team will be 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 is 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 mid-May.*

**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:	05/26/15		
Notice to Proceed:	TBD		
Substantial Completion:	TBD	0	Percent Complete
Target Completion:	TBD		
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

- ❖ *The technical design documents for drilling the well hole were received on 02/02/15. Bid documents were advertised on 04/16/15, pre-bid site tour is scheduled 05/07/15 and bids are due 05/26/15.*
- ❖ *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.*

JCW 5507

**Arizona Department of Health Services (ADHS)
Arizona State Hospital
New Fire Alarm Replacement System - Phase I
Phoenix, Arizona**

Date Funded:	07/01/11		
Senior Project Manager:	Janet Collegio		
General Manager:	Roger Berna		
Budget:	\$1,400,000 + Annual Supplemental		
Budget Source:	FY12 BR #2012-03	Index No.	21430
	FY13 BR #2013-04	Index No.	21440
	FY14 BR #614004-00	Index No.	21450
	FY15 BR #615004-00	Index No.	21465
Architect/Engineer:	LSW Engineers Arizona, Inc.		
Contractor:	JOC – SJ Anderson Company		
Review Project #:			
Statewide Statutory	CG-12-03		
<u>Completion Dates</u>			
Construction Documents:	05/01/12	100	Percent Complete
Bid Date:	N/A		
Notice to Proceed:	03/10/14		
Substantial Completion:	04/09/15	100	Percent Complete
Target Completion: Phase I:	06/30/15		

Project Description

Fire alarm system currently serving the Arizona State Hospital is obsolete with replacement parts no longer available and in various stages of failure. The antiquated analog computer monitoring system is currently inoperable, this project will upgrade to a more reliable digital monitoring system capable of integrating the entire ASH campus into one controller.

Six (6) buildings of the ten Phase I structures have been re-priced as one project including UG infrastructure and head-in equipment, the project now totals \$599,992. Additional FY14 Building Renewal funding of \$500K received on January 7, 2014 and FY15 funding of \$500K on July 17, 2014 increasing the total project budget to \$1,400,000.

Project Status:

- ❖ *State Fire Marshal's (SFM) Office re- inspected and approved the new fire alarm replacement system 04/09/15. Substantial Completion Warranty begins this date.*
- ❖ *This project is complete and this will be the final report*

JC 8332

**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	15	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 completed footings for the pipe supports and the steel subcontractor is currently fabricating the supports. Johnson Controls is likewise fabricating the new condenser water pipework in their steel shop. The new chiller is scheduled to ship the week of May 24.*
- ❖ *JCI has provided a proposal for the rental of two 400 ton air cooled chillers to provide uninterrupted cooling for the campus during construction; cost is currently under review.*
- ❖ *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
 Fire Fighting Water Distribution System**

Date Funded:	08/09/13	
Project Manager:	Jeff Pugh	
Senior Project Manager:	Janet Collegio	
General Manager:	Roger Berna	
Budget:	\$1,100,000	
Budget Source:	BR 130021	Index 21440
	BR 614003-00	Index 21450
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 Adobe Mountain.*
- ❖ *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
 Plumbing Chase Pipe Replacement**

Date Funded:	10/24/13	
Project Manager:	Jeff Pugh	
Senior Project Manager:	Janet Collegio	
General Manager:	Roger Berna	
Budget:	\$400,000	
Budget Source:	BR 614010-00	Index: 21450
Architect/Engineer:	Energy Systems Design, Inc. (ESD)	
Contractor:	JOC – SJ Anderson Company	
Statewide Statutory Review Project #:	CG-13-20	

<u>Completion Dates</u>			
Construction Documents:	03/07/14	100	Percent Complete
Additional Scope:	07/15/14	100	Percent Complete
Bid Date:	10/14/14		
Notice to Proceed:	04/08/15		
Substantial Completion:	TBD	0	Percent Complete
Target Completion:	08/30/15		

Project Description:

Design and construction replacing existing water closet plumbing chase pipes in six of the seven student living quarters at Adobe Mt School, as well as updated plans and specifications to include fire sprinklers in common areas and student sleeping quarters in the six buildings where the water closet plumbing chase pipes will be replaced.

Project Status

- ❖ *Contractor was issued a notice to proceed on April 8, 2015 to SJ Anderson, LLC to furnish and install chilled water piping system in six (6) building designated by ADJC.*
- ❖ *Each building will have individual substantial completion and final completion inspections.*

**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	
Budget Source:	BR614015-00	Index: 21460
Architect/Engineer:	LSW Arizona Engineers, Inc.	
Contractor:	JOC – Centennial CE, Inc.	
Statewide Statutory Review Project #	CG 14-09	

<u>Completion Dates</u>			
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:	05/31/15		

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*

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

- ❖ **Grey Peak Rock House Residential Bldg, Greenlee County, AZ – Replace failing roof system.**
Status: This project is complete.
- ❖ **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: Roofing repairs are in progress.
- ❖ **200 N ADOT Ln Winslow MVD, Winslow, AZ – Replace windows.**
Status: The manufacture has not confirmed the window delivery schedule.
- ❖ **Central Lab Bldg. #1121, Phoenix, AZ – Repair existing roof.**
Status: This project is complete.
- ❖ **Facilities Maintenance & Support, Bldg 1762, Phoenix, AZ – Repair existing roof with application of insulation board and single ply roof system.**
Status: A purchase order has been issued.

continued....

- ❖ **3409 N Country Club, Bldg 1346, Mesa, AZ** – Repair and recoat existing roof with white elastomeric coating.
Status: This project is complete.
- ❖ **7130 W Fairfield, Bldg 1521, Chandler, AZ** – Repair and recoat existing roof with white elastomeric coating.
Status: This work is in progress. The new rain gutter is installed.
- ❖ **Various Sites, Central District, Maricopa County, AZ** – Review existing roofs and assist ADOT to establish a priority list for repair and maintenance.
Status: ADOT is preparing a list of sites to be reviewed.
- ❖ **Grey Peak Residence 2144, Greenlee County, AZ** – Replace windows.
Status: The scope of work is under evaluation and a contractor will be selected.
- ❖ **Globe Maintenance Office, Globe, AZ** – Replace existing HVAC Units and roofing.
Status: Contracts have been awarded.
- ❖ **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.

AS-ADOT

**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	55	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 months of February and March due to inclement weather.*
- ❖ *Masonry block work on the maintenance building, committal shelter and visitors' center is complete. In ground crypts have been backfilled and covered. Electrical rough in block work is completed.*

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- ❖ *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.*
- ❖ *Water well drillers have drilled down approximately 2240 feet. The crew has encountered water and the well is capped.*
- ❖ *Contractor has encountered significant rock in the area where the 20,000 gallon water tank is to be installed. Rock removal is complete and water tank has been installed and passed testing.*
- ❖ *All storm drain piping is in place.*
- ❖ *Roof installation work has begun.*

JP 9009

**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:	TBD		
Substantial Completion:	09/09/15	55	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

- ❖ *Two 6,000 gallon water storage tanks have been installed and tested.*
- ❖ *The water well is drilled and capped. The Contractor is waiting on delivery of well pump.*
- ❖ *Over excavation is complete for the Columbarium and the footings have been poured.*

continued....

- ❖ *Underground electrical and plumbing at the committal shelter, visitor center and maintenance building are complete.*
- ❖ *Site fence is complete.*
- ❖ *Entry wall masonry construction is complete.*
- ❖ *Masonry construction for the committal shelter, maintenance building and the Visitors' Center buildings are complete.*
- ❖ *1800 pre-cast crypts have been delivered to the site and placed within the burial section. Crypt installation is ongoing*
- ❖ *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 to begin in May.*

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	100	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	60	Percent Complete
<u>New Pre-action System</u>			
Notice to Proceed:	04/30/15		
Substantial Completion:	08/07/15	50	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.*
- ❖ *Work progressing in the following areas: Steel Auditorium, Locker Room, Wood Shop, Theme Galleries.*
- ❖ *Fire caulking completed in Corridor 123 and west end of Corridor 131.*
- ❖ *Fire Riser is nearing completion.*

continued....

Pre-Action System

- ❖ *The existing pre-action is not functional at this time. However, the pre-action system will be repaired during the course of construction.*
- ❖ *Once the new alarm system is activated, it will monitor the repaired pre-action system.*

**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	

<u>Completion Dates</u>			
Construction Documents:	NA	100	Percent Complete
Bid Date:	NA		
Notice to Proceed:	04/15/14		
Substantial Completion:	04/30/15	97	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 is working on Punch List.*
- ❖ *The lighting controls in the North Building remain to be converted.*
- ❖ *The Submittals need to be updated to match the actual installation.*
- ❖ *An adjusting Change Order will be processed to provide for VAV Boxes in excess of the original order.*

WFA 8630TI.15