

Arizona Department of Administration

Project Status Report



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

*Construction Services
Report as of September 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 projects to report

ADOT Building Renewal Projects - FY2016

N. Phoenix Landscape Offices, Phoenix, AZ – Provide energy efficient protective roof coatings.

Alvin Spencer

31

Happy Valley Construction Offices, Phoenix, AZ – Provide energy efficient protective roof coatings.

Completed Projects:

ADOT Building Renewal Projects - FY2015

Safford District Office, Safford, AZ – Repaint the exterior of all site buildings.

Alvin Spencer

30

Safford District Office, Safford, AZ – Replace south facing office windows.

ADOT Cancelled Project

Needle Mountain Sign Storage, Needle Mountain, AZ
Replace the existing failed metal roof.

Alvin Spencer

30



**ADOT Tucson MVD
Repaint Exterior and Interior
Tucson, AZ**



**ADOT Tucson MVD
Repaint Exterior and Interior
Tucson, AZ**

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ADOA

Project #

Project Description by Agency

Project Manager

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*Note: ASPC - acronym for Arizona State Prison Complex



**ADJC Fire Suppression System
Triumph Bldg., Phx, AZ**



**ADOC ASPC Lewis Well #6
Buckeye, AZ**

ADOA

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ARIZONA DEPARTMENT OF TRANSPORTATION (ADOT)

ADOT Building Renewal Projects - FY2015-2016

<p>Facilities Equipment Shop 2080, Globe, AZ – Replace HVAC system. Tucson East MVD, Tucson, AZ – Repaint building interior and exterior. Safford District Office, Safford, AZ – Replace south facing office windows. Safford Annex Complex, Safford, AZ – Repaint the exterior of all site buildings. Needle Mountain Sign Storage, Needle Mountain, AZ – Replace the existing failed metal roof. Coolidge MVD, Coolidge, AZ – Replace the existing failed roofing. Many Farms, Storage Building, Many Farms, AZ – Replace the existing failed roofing. Port of Entry B-8, Yuma, AZ – Replace the overhang soffit. Port of Entry, San Simon, AZ – Replace the failing HVAC.</p>	Alvin Spencer	30-31
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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 TRANSPORTATION (ADOT)

ADOT Building Renewal Projects - FY2015-2016

N. Phoenix Landscape Offices, Phoenix, AZ – Provide energy efficient protective roof coatings.

Alvin Spencer **31**

Happy Valley Construction Offices, Phoenix, AZ – Provide energy efficient protective roof coatings.

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Capitol Mall Fire Alarm Replacement
1700 W. Washington, Senate Bldg, Phx, AZ



Capitol Mall Elevator Upgrades
1300 W. Washington, Phx. AZ

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.



**AESF Home Economics Bldg
Conduit Replacement
Phoenix, AZ**



**Arizona School for Deaf and Blind
Palo Verde Fire Sprinklers
Tucson, AZ**

FREQUENTLY USED ACRONYMS

- ABC:** Aggregate base course - ABC, AB or road base, is a blend of crushed gravel/stone ranging in size 1" down to sand size particles. Used in many applications as a compaction material under concrete slabs or roads.
- 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.

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- EMS:** Energy Management System - a set of software tools used to monitor, control and analyze a building's energy consumption.
- 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.
- 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.
- MOP:** Method of Operation - a procedure, technique or way of doing something, especially in accordance with a definite plan.
- 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).
- SES:** Service Entrance Section - the equipment needed at the point where electrical service enters a building. Equipment normally consists of the main junction box, circuit breakers and/or fuses, and meters.
- 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:			
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:	09/2014	100	Percent Complete
Notice to Proceed:	12/22/14		
Substantial Completion:	01/20/16	47.5	Percent Complete
Target Completion:	02/05/16		

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.

Project Status:

- ❖ *Meetings are being held weekly to coordinate the present data base into the new Lenel data base.*

continued....

- ❖ *Hard construction started July 6, 2015.*
- ❖ *1616, 1624, 1688 West Adams, 1200, 1275, 1300 W. Washington, 1535, 1601, 1645, 1835 W. Jefferson, 15 S. 15th Avenue, 2910 No. 44th St., 250 N. 17th Avenue and 150 N. 18th Avenue have all been completed.*
- ❖ *1400 W. Washington will be complete by October 7, 2015.*
- ❖ *1840 W. Jackson will start on October 5, 2015.*

JCW 8410

**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:	
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:	11/29/15	<u>6</u>	Percent Complete
Bid Date:	11/30/15		
Notice to Proceed:	09/01/15		
Substantial Completion:	04/25/16	<u>0</u>	Percent Complete
Target Completion:	06/05/16		

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

- ❖ *The revised proposal from LSW is approved as a DCN under the on-call engineering services contracts. Notice to Proceed was sent effective 09/01/15.*
- ❖ *The Test and Balance measurements have confirmed that the flow rates in the existing system are correct.*
- ❖ *The Life Cycle Cost Analysis is in review.*

WFA 8430

**Arizona Department of Administration
Executive Tower HVAC Assessment
1700 W. Washington, Phoenix, AZ**

Date Funded:	07/27/15
Project Manager:	William Anderson
Senior Project Manager:	Janet Collegio
General Manager:	
Budget:	\$200,000 (Assessment & Design)
Function Code:	BR1600501X
Architect/Engineer:	Bridgers & Paxton
Contractor:	TBD
Statewide Statutory Review Project #	CG-15-22

<u>Completion Dates</u>			
Construction Documents:	11/29/15	15	Percent Complete
Bid Date:	11/30/15		
Notice to Proceed:	09/03/15		
Substantial Completion:	05/22/16	0	Percent Complete
Target Completion:	06/05/16		

Project Description

Obtain a Condition Assessment of the Mechanical System serving the Exec Tower complex at 1700 W Washington and implement the recommended changes.

Project Status

- ❖ *The DCN (under the On-Call Mechanical Engineering Services Contract) for the Condition Assessment has been approved and a Notice to Proceed was sent effective 09/03/15.*
- ❖ *Awaiting load calculations from Bridgers & Paxton.*

WFA 8633TI.23

**Capitol Mall – House of Representatives
New Fire Alarm Replacement System
1700 W. Washington
Phoenix, Arizona**

Date Funded:	06/19/15	
Senior Project Manager:	Janet Collegio	
General Manager:		
Budget:	\$182,883.00	
Budget Source:	BR 614001-07	Index 21450
Architect/Engineer:	LSW Engineers Arizona, Inc.	
Contractor:	Firetrol Protection Systems	
Statewide Statutory Review Project #	CG-11-03(TI.10)	

Completion Dates

Construction Documents:	04/14/15	100	Percent Complete
Bid Date:	05/20/15		
Notice to Proceed:	12/07/15		
Substantial Completion:	06/07/16	0	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 the Senate Building and the House of Representatives.

Project Status:

- ❖ *The State Procurement Office has issued a contract to Firetrol Protection Systems to provide all labor, material and equipment for the installation of a new fire alarm replacement system in the House of Representatives.*
- ❖ *Preconstruction/Kick-off Meeting for the House of Representatives will take place once the Senate building fire alarm replacement system install has been completed.*

**Capitol Mall – Senate Building
New Fire Alarm Replacement System
1700 W. Washington
Phoenix, Arizona**

Date Funded:	06/19/15	
Senior Project Manager:	Janet Collegio	
General Manager:		
Budget:	\$175,038.00	
Budget Source:	BR 614001-08	Index 21450
Architect/Engineer:	LSW Engineers Arizona, Inc.	
Contractor:	Firetrol Protection Systems	
Statewide Statutory Review Project #	CG-11-03(TI.10)	

<u>Completion Dates</u>			
Construction Documents:	04/14/15	100	Percent Complete
Bid Date:	05/20/15		
Notice to Proceed:	07/07/15		
Substantial Completion:	11/07/15	45	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 the Senate Building and the House of Representatives.

Project Status:

- ❖ *Firetrol has all of the boxes for the fire devices installed in the basement offices.*
- ❖ *Wires have been pulled to all of the fire devices on the 1st floor.*
- ❖ *Three-quarters of the boxes for the fire devices have been installed on the 2nd floor.*

JC8709TI.10E

**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:		
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:	11/26/15	70	Percent Complete
Target Completion:	12/11/15		

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

- ❖ *Hard construction started June 22, 2015 and the first elevator was passed by the State Elevator Inspector.*
- ❖ *The contractor is 90% complete on the first elevator and 40% complete on the renovation of the second elevator.*

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:		
Budget:	\$500,000.00 ¹ \$201,427.12 ²	
Budget Source:	BR 614008-04	Index 21450 ¹
	BR 615014-01	Index 21460 ²
Architect/Engineer:	Sun Engineering/Vertical Transportation Excellence (VTX)	
Contractor:	JOC - SJ Anderson Company	
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:	03/31/16	0	Percent Complete
Target Completion:	04/15/16		

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 elevators 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 contract for \$526,563.47 was awarded June 15, 2015, to SJ Anderson.*
- ❖ *Notice to Proceed will be issued in October. The sub-contractor will be Kone Elevator.*

JCW 8720C

**Arizona Strategic Enterprise Technology (ASET)
1510 W. Adams, Phoenix, AZ
Data Center ATS Replacement**

Date Funded:	07/20/15
Senior Project Manager:	Armando Milheiro
General Manager:	
Budget:	\$100,000
Budget Source:	ASET3A0900
Architect/Engineer:	Bridgers & Paxton (B&P)
Contractor:	To Be Bid
Statewide Statutory Review Project #:	CG-15-08

<u>Completion Dates</u>			
Construction Documents:	09/23/15	10	Percent Complete
Bid Date:	10/19/15		
Notice to Proceed:	TBD		
Substantial Completion:	TBD	0	Percent Complete
Target Completion:	TBD		

Project Description:

Design will consist of the replacement of the Data Center Automatic Transfer Switch (ATS) used to power HVAC units in the data center in the event of a power failure.

Project Status

- ❖ *Bridgers & Paxton will complete the design narrative and recommendation for Phase I of the project.*
- ❖ *Load monitoring equipment has been removed and being used for the Phase I analysis.*
- ❖ *Once Phase I analysis is complete first week of October, meeting with ASET and team to approve future design and new or refurbished ATS will be held.*

**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:		
Budget:	\$2,000,000.00	
Budget Source:	Client Funded	Index 20702
Architect/Engineer:	Southwest Ground-water Consultants, Inc.	
Contractor:	Stewart Brothers Drilling Company	
Statewide Statutory Review Project #:	CG 14-23	

<u>Completion Dates</u>			
Construction Documents:	02/13/15	100	Percent Complete
<u>Phase 1:</u>			
Bid Date:	05/27/15		
Notice to Proceed:	07/29/15		
Substantial Completion:	11/15/15	50	Percent Complete
Target Completion:	11/30/15		
<u>Phase 2:</u>			

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 project pilot hole was drilled down to 1000 feet and was extensively tested for water quality. It was approved for further development and the pilot hole is being reamed out larger for installation of the well casing. Presently at 355' as of 09/30/15. Drilling is slower than expected pace. The progress is considered "hard drilling" and will be at an additional cost.*
- ❖ *The second phase will start after completion of the well casing which will be the installation of well gear and electrical equipment.*

JCW 5507

**Arizona Department of Economic Security (DES)
Arizona Training Program – Coolidge, AZ
DES – ATPC Replace Underground Fire Lines**

Date Funded:	07/21/15
Senior Project Manager:	Armando Milheiro
General Manager:	
Budget:	\$250,000
Budget Source:	BR1600300X
Architect/Engineer:	Ritoch-Powell Engineers
Contractor:	JOC - SJ Anderson Company
Statewide Statutory Review Project #:	CG-15-21

<u>Completion Dates</u>			
Construction Documents:	09/28/15	95	Percent Complete
Bid Date:	10/09/15		
Notice to Proceed:	TBD		
Substantial Completion:	TBD	0	Percent Complete
Target Completion:	TBD		

Project Description:

Design will consist of removing and replacing underground fire lines to buildings where the lines are deteriorating.

Project Status

- ❖ *Ritoch-Powell will complete design by this week (September 28).*
- ❖ *JOC Contractor SJ Anderson will submit price proposal by October 9th.*

**Arizona Department of Health Services (ADHS)
Arizona State Hospital-Civil (ASH)
2500 E. Van Buren St., Phoenix, AZ
Replace Existing Fire/Smoke Dampers**

Date Funded:	07/21/15
Senior Project Manager:	Armando Milheiro
General Manager:	
Budget:	\$350,000
Budget Source:	BR1600400X
Architect/Engineer:	Bridgers & Paxton (B&P)
Contractor:	JOC - SJ Anderson Company
Statewide Statutory Review Project #:	CG-15-18

Completion Dates

Construction Documents:	10/02/15	30	Percent Complete
Bid Date:	11/11/15		
Notice to Proceed:	TBD		
Substantial Completion:	TBD	0	Percent Complete
Target Completion:	TBD		

Project Description:

Removal of existing fire/smoke dampers and actuators in Buildings: A, B, C, D, E, F, G, H, & P. Installation of a duct mounted smoke detector at each damper, Fire Alarm relay wiring, and adequate access for dampers and devices.

Project Status

- ❖ *Additional field investigation of Fire/Smoke Dampers identification numbers in order to properly design/replace the damper actuators and install access panels as necessary.*
- ❖ *Testing for asbestos within the buildings will start Oct. 6th.*

AJM 8335TI.1

**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/Armando Milheiro	
General Manager:		
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	

Completion Dates

Construction Documents:	01/31/15	100	Percent Complete
Bid Date:	N/A		
Notice to Proceed:	04/06/15		
Substantial Completion:	09/17/15	99	Percent Complete
Target Completion:	09/31/15		

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

- ❖ *Controls work by JCI is on-going and almost complete.*
- ❖ *The Engineer will conduct the substantial completion inspection when the EMS controls work is complete.*
- ❖ *All other work is complete and equipment functioning.*

AJM 8336

**Arizona Department of Health Services (ADHS)
Arizona State Hospital (ASH)
2500 E. Van Buren St., Phoenix, AZ
Replace Existing Boilers at Central Plant**

Date Funded:	07/21/15
Senior Project Manager:	Armando Milheiro
General Manager:	
Budget:	\$1,700,000
Budget Source:	BR1600800
Architect/Engineer:	Bridgers & Paxton (B&P)
Contractor:	To Be Bid
Statewide Statutory Review Project #:	CG-15-19

<u>Completion Dates</u>			
Construction Documents:	10/09/15	25	Percent Complete
Bid Date:	12/18/15		
Notice to Proceed:	TBD		
Substantial Completion:	TBD	0	Percent Complete
Target Completion:	TBD		

Project Description:

*Removal of existing steam boilers, deaerator, pumps, heat exchangers, storage tanks and related piping not necessary.
Replace with packaged heating plant skid containing 5 condensing hot water boilers.
Included will be ME&P work needed to install equipment.*

Project Status

- ❖ *Testing for asbestos and lead paint is set for first week in October.*
- ❖ *Design underway. New location for the condensed boiler package has been identified to minimize space and disturbance or existing piping.*

AJM 8337

**Arizona Department of Juvenile Corrections (ADJC)
Adobe Mountain Schools, 2800 W. Pinnacle Peak Rd., Phoenix, AZ
ADJC New Access Controls and Locks**

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

<u>Completion Dates</u>			
Construction Documents:	09/04/15	100	Percent Complete
Bid Date:	10/14/15		
Notice to Proceed:	10/30/15		
Substantial Completion:	TBD	0	Percent Complete
Target Completion:	TBD (Dependent on ADJC site)		

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

- ❖ *Compiling list of bidders to receive 100% construction set of drawings.*
- ❖ *Working with the ADJC site to establish a viable schedule for installation of the control panels.*
- ❖ *The construction schedule and phasing is contingent on what the site has available for swing space to re-locate the occupants of the various buildings.*

AJM 4045TI.1

**Arizona Department of Juvenile Corrections (ADJC)
Adobe Mountain Schools, 2800 W. Pinnacle Peak Rd., Phoenix, AZ
ADJC Replace Plumbing Chase Piping**

Date Funded:	10/24/13
Senior Project Manager:	Armando Milheiro
General Manager:	
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

<u>Completion Dates</u>			
Construction Documents:	07/09/14	100	Percent Complete
Bid Date:	04/09/15		
Notice to Proceed:	04/08/15		
Substantial Completion:	04/31/16	45	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

Vision Bldg.

❖ *Completed and occupants are now in the building.*

Enterprise Bldg.

❖ *Completed and occupants are now in the building.*

Triumph Bldg.

❖ *Substantial Completion set for October 14th.*

Phoenix Bldg.

❖ *Dates to be determined.*

continued....

Hope Bldg.

❖ *Dates to be determined.*

Genesis Bldg.

❖ *Dates to be determined.*

AJM 4046

**Arizona Department of Juvenile Corrections (ADJC)
 Adobe Mountain Schools, 2800 W. Pinnacle Peak Rd., Phoenix, AZ
 ADJC Fire Suppression System**

Date Funded:	07/17/14	
Senior Project Manager:	Armando Milheiro	
General Manager:		
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	

<u>Completion Dates</u>			
Construction Documents:	07/09/14	100	Percent Complete
Bid Date:	04/09/15		
Notice to Proceed:	04/29/15		
Substantial Completion:	04/31/16	45	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

Vision Bldg.

❖ Completed and occupants are now in the building.

Enterprise Bldg.

❖ Completed and occupants are now in the building.

Triumph Bldg.

❖ Substantial Completion set for October 14th

Phoenix Bldg.

❖ Dates to be determined.

continued....

Hope Bldg.

❖ *Dates to be determined.*

Genesis Bldg.

❖ *Dates to be determined*

AJM 4046TI.1

**Arizona Department of Juvenile Corrections (ADJC)
Adobe Mountain Schools, 2800 W. Pinnacle Peak Rd., Phoenix, AZ
ADJC Fire Suppression System Upgrades (Remaining Campus)**

Date Funded:	07/21/15
Senior Project Manager:	Armando Milheiro
General Manager:	
Budget:	\$1,200,000
Budget Source:	BR61500300
Architect/Engineer:	FM Group
Contractor:	JOC - SJ Anderson Company
Statewide Statutory Review Project #:	CG-15-20

Completion Dates

Construction Documents:	11/30/15 (Phased)	10	Percent Complete
Bid Date:	TBD		
Notice to Proceed:	TBD		
Substantial Completion:	TBD	0	Percent Complete
Target Completion:	TBD		

Project Description:

*Design and install new fire sprinkler system in the remaining occupied buildings on the ADJC campus.
Risers will also be installed at the buildings where they do not exist.*

Project Status

- ❖ *Currently working with SPO on the Architect's contract; anticipate completion by 10/07/15.*
- ❖ *Awaiting direction from ADJC site management on how they would like to proceed with scheduling.*
- ❖ *Currently the construction project will not be able to start until the Chilled Water Piping project is complete in early 2016. Dependent on schedule decision by ADJC management.*

AJM 4047

**Arizona Department of Public Safety
DPS Phoenix Fleet Bldg. Roof Replacement
21st Avenue & Encanto Blvd., Phx, AZ**

Date Funded:	07/27/15	
Project Manager:	William Anderson	
Senior Project Manager:	Janet Collegio	
General Manager:		
Budget:	\$250,000	Function Code: BR1601100
Architect/Engineer:	TBD	
Contractor:	TBD	
Statewide Statutory Review Project #		

Completion Dates

Construction Documents:	TBD	<u>0</u>	Percent Complete
Bid Date:	NA		
Notice to Proceed:	TBD		
Substantial Completion:	TBD	<u>0</u>	Percent Complete
Target Completion:	TBD		

Project Description

Repair or replace failing roofs at the DPS Fleet Buildings in Phoenix, AZ.

Project Status

- ❖ *Risk Management may be repairing storm damaged roofs at DPS. As soon as DPS determines which roofs Risk Management will repair, I will meet with DPS to identify other roofs that need repair or replacement.*

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

Date Assigned:	Throughout
Project Manager:	Alvin Spencer
Senior Project Manager:	Armando Milheiro
General Manager:	
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 Winter 2015.
- ❖ **Port of Entry W/B I-8 2017, Yuma, AZ** – Replace failing a/c unit.
Status: Equipment has been ordered. Manufacturers will provide fabrication and delivery schedule.
- ❖ **Tucson East MVD, Tucson, AZ** – Repaint building interior and exterior.
Status: Painting of the interior is complete. The exterior painting will be complete on 10/04/2015.
- ❖ **Safford District Office, Safford, AZ** – Repaint the exterior of all site buildings.
Status: This project is complete.
- ❖ **Safford District Office, Safford, AZ** – Replace south facing office windows.
Status: This project is complete.
- ❖ **Needle Mountain Sign Storage, Needle Mountain, AZ** – Replace the existing failed metal roof.
Status: The building, scope of work and budget have been evaluated and the decision was made to cancel the project.
- ❖ **Coolidge MVD, Coolidge, AZ** – Replace the existing failed roofing.
Status: Costs are being prepared for this project and will be evaluated once compiled.

continued....

- ❖ **Many Farms, Storage Building, Many Farms, AZ** – Replace the existing failed roofing.
Status: Costs are being prepared for this project and will be evaluated once compiled.
- ❖ **Port of Entry B-8, Yuma, AZ** – Replace the overhang soffit.
Status: Evaluate scope of work and identify replacement materials.
- ❖ **Port of Entry, San Simon, AZ** – Replace the failing HVAC.
Status: Evaluate scope of work and identify replacement materials.
- ❖ **N. Phoenix Landscape Offices, Phoenix, AZ** – Provide energy efficient protective roof coatings.
Status: The project has been evaluated and a scope of work has been provided to the contractor for a proposal.
- ❖ **Happy Valley Construction Offices, Phoenix, AZ** – Provide energy efficient protective roof coatings.
Status: The project has been evaluated and a scope of work has been provided to the contractor for a proposal.

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:	
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	92	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

- ❖ *Site concrete is 90% complete. Site irrigation is ongoing, as well as planting installation.*
- ❖ *Visitor Center (VAC) interior finish work is ongoing, as well as flooring installation. Interior drywall installation, texture application and painting are complete.*

continued....

- ❖ *Committal Shelter (CS) operable glass wall system installation has been delayed due to structural design flaw. Structural engineer has completed the redesign and recalculating wall housing area and load bearing beams and walls. Contractor is pricing additional work.*
- ❖ *Maintenance Building (MCS) drywall installation is complete and painting is ongoing. HVAC installation is 80% complete.*
- ❖ *Arizona Public Service has set their transformer and meter.*
- ❖ *Columbaria stone work and niche covers (space in a columbarium, mausoleum or niche wall to hold an urn) are complete.*
- ❖ *Landscaping/irrigation waterline installation work is ongoing and 75% complete. 90% of the plants and Ponderosa pine trees have been planted.*
- ❖ *Memorial wall stone and niche cover installation is 30% complete.*

JP 9009

**Arizona Department of Veterans' Services
Arizona Veterans' Memorial Cemetery @ Marana
15950 N. Lockett Road, Marana, AZ 85281**

Date Funded:	10/2013
Project Manager:	Jeff Pugh
Senior Project Manager:	Janet Collegio
General Manager:	
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:	10/30/15	97	Percent Complete
Target Completion:	10/25/15		

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

- ❖ *Site roadway and parking lots are complete.*
- ❖ *Chain link and ornamental fencing and gates have been installed and complete.*

continued....

- ❖ *Committal shelter pavers and gates have been installed and complete.*
- ❖ *Maintenance Building is complete.*
- ❖ *Visitors and administration center interior finishes and trim out are complete. Fire alarm and mechanical equipment start up and testing are complete.*
- ❖ *Both crypt fields have been hydroseeded (a planting process that uses a slurry of seed and mulch, often used as an erosion control technique on construction sites).*
- ❖ *Columbarium stone veneer and lime stone caps have been installed.*
- ❖ *Columbarium niche covers have been installed.*
- ❖ *Site irrigation has been installed with site planting ongoing. Concrete sidewalks in the Assembly area are complete.*
- ❖ *All grading is complete and ABC has been placed on the roadway. Asphalt base course is complete. 1st lift of site asphalt installation is complete.*
- ❖ *Tucson Electric Power (TEP) has installed power poles connecting the cemetery site to TEP power source.*

**Arizona Health Care Cost Containment System (AHCCCS)
701 and 801 E. Jefferson Street, Phx, AZ
EMS Upgrades**

Date Funded:	07/27/15	
Project Manager:	William Anderson	
Senior Project Manager:	Janet Collegio	
General Manager:		
Budget:	\$120,000	Function Code: BR1601003
Architect/Engineer:	N/A	
Contractor:	TBD	
Statewide Statutory Review Project #	N/A	

<u>Completion Dates</u>			
Construction Documents:	NA	<u>0</u>	Percent Complete
Bid Date:	NA		
Notice to Proceed:	TBD		
Substantial Completion:	TBD	<u>0</u>	Percent Complete
Target Completion:	TBD		

Project Description

Provide Construction Administration and Project Management for the upgrade of the Energy Management System (EMS) for the AHCCCS Buildings at 701 and 801 W Jefferson to allow the mechanical infrastructure to be monitored and operated from a Command Center in one of the buildings.

Project Status

- ❖ *PM is meeting with AHCCCS and EMS Contractor on 10/07/15 to establish project scope and begin developing plans.*

**Arizona Historical Society
Tempe History Museum
809 E. Southern Avenue, Tempe, AZ
EMS Upgrades**

Date Funded:	07/27/15	
Project Manager:	William Anderson	
Senior Project Manager:	Janet Collegio	
General Manager:		
Budget:	\$260,000	Function Code: BR1601001
Architect/Engineer:	N/A	
Contractor:	Arizona Comfort Zone (ACZ) CCI Automated Technologies (CCI)	
Statewide Statutory Review Project #	N/A	

Completion Dates

Construction Documents:	09/30/15	100	Percent Complete
Bid Date:	NA		
Notice to Proceed:	09/30/15		
Substantial Completion:	12/31/15	50	Percent Complete
Target Completion:	01/30/16		

Project Description

Provide Construction Administration and Project Management for the upgrade of the Energy Management System (EMS) for the Tempe History Museum to allow the mechanical infrastructure to be monitored and operated from a Command Center.

Project Status

- ❖ *Survey for ACM is complete and abated where necessary.*
- ❖ *Submittals are being prepared.*
- ❖ *Parts are on order.*
- ❖ *The Command Center is delivered and being assembled.*

WFA 8647TI.3

**Arizona Historical Society
Arizona History Museum (Tucson)
949 E. 2nd Street, Tucson, AZ
EMS Upgrades**

Date Funded:	07/27/15	
Project Manager:	William Anderson	
Senior Project Manager:	Janet Collegio	
General Manager:		
Budget:	\$210,000	Function Code: BR1601002
Architect/Engineer:	N/A	
Contractor:	Arizona Comfort Zone (ACZ) CCI Automated Technologies (CCI)	
Statewide Statutory Review Project #	N/A	

Completion Dates

Construction Documents:	09/30/15	100	Percent Complete
Bid Date:	NA		
Notice to Proceed:	09/30/15		
Substantial Completion:	01/30/16	50	Percent Complete
Target Completion:	02/28/16		

Project Description

Provide Construction Administration and Project Management for the upgrade of the Energy Management System (EMS) for the Tucson History Museum to allow the mechanical infrastructure to be monitored and operated from a Command Center located in the Tempe Museum.

Project Status

- ❖ *Survey for ACM is complete and abated where necessary.*
- ❖ *Submittals are being prepared.*
- ❖ *ACZ is ready to begin communicating with the AHS Command Center in the Tempe Museum.*

WFA 9702

**Arizona State Tucson Office Complex
400 W. Congress, Tucson, AZ
Lighting Control Replacement**

Date Funded:	07/27/15		
Project Manager:	William Anderson		
Senior Project Manager:	Janet Collegio		
General Manager:			
Budget:	\$55,000	Function Code:	BR1601004
Architect/Engineer:	N/A		
Contractor:	CCI Automated Technology (CCI)		
Statewide Statutory Review Project #	N/A		

<u>Completion Dates</u>			
Construction Documents:	NA	0	Percent Complete
Bid Date:	NA		
Notice to Proceed:	NA		
Substantial Completion:	10/30/15	5	Percent Complete
Target Completion:	11/30/15		

Project Description

Replace the obsolete lighting controls and add to the Tucson Complex EMS.

Project Status

❖ *A PO has been issued and the parts are on order, due to arrive week of October 6.*