

# *Arizona Department of Administration*

## *Project Status Report*



*Arizona Department of Economic Security (DES)  
1789 W. Jefferson, Phoenix, AZ  
Chiller and Cooling Tower Installation*

*Roger Berna, GM  
Construction Services  
Report as of November 30, 2014*





ADVS Arizona Veterans' Memorial Cemetery, Marana, AZ



ADVS Arizona Veterans' Memorial Cemetery, Marana, AZ

## Summary Report

ADOA

<u>Project #</u>	<u>Project Description by Agency</u>	<u>Project Manager</u>	<u>Page No</u>
<b><u>New Projects:</u></b>			
8709TL9A	Carnegie Library Bldg., 1101 W. University Drive, Phx, AZ Fire Alarm Replacement	Janet Collegio	13
8709TL9B	Capitol Mall Records Retention Bldg. 1919 W. Jefferson, Phx, AZ Fire Alarm Replacement	↓	14
8709TL9C	Capitol Mall ADC HR Bldg, 1831 W. Jefferson, Phx, AZ Fire Alarm Replacement		15
8647TL.2	AHS Tempe Museum, 1300 N. College Ave., Tempe, AZ FA Replacement System		32

### ADOT Building Renewal Projects - FY2015

Central Lab Bldg. 1121, Phoenix, AZ – Repair existing roof.	Alvin Spencer	28
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### **Completed Projects:**

#### ADOT Building Renewal Projects - FY2015

Various Buildings HVAC, Yuma, AZ – Replace failing a/c units.	Alvin Spencer	27
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### **Postponed Projects:**

16380 N 59 Ave. Glendale MVD Bldg. 1421, Glendale, AZ Roof and parapet wall repairs.	Alvin Spencer	27
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This project is postponed to FY16. This project will be deleted from this report until project is activated.



DES 1789 W. Jefferson, Phx, AZ  
Chiller & Cooling Tower Replacement



DES 1789 W. Jefferson, Phx, AZ  
Chiller & Cooling Tower Replacement

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**ADOA**

**Project #**

**Project Description by Agency**

**Project Manager**

**ARIZONA DEPARTMENT OF ADMINISTRATION (ADOA)** ▲

8410	ADOA Security System Replacement Assessment and Design Capitol Mall, Phoenix, AZ	John Webster	9-10
8633TI.19	Replace Electrical Service Entrance (SES) @ Executive Tower, Phx, AZ	William Anderson	11
8703TI.2	ADOA Managed Building, 2910 N. 44 <sup>th</sup> Street, EMS Upgrades		12
<b>8709TI.9A</b>	<b>Carnegie Library Bldg., 1101 W. University Drive, Phx, AZ</b> <b>Fire Alarm Replacement</b>	<b>Janet Collegio</b>	<b>13</b>
<b>8709TI.9B</b>	<b>Capitol Mall Records Retention Bldg. 1919 W. Jefferson, Phx, AZ</b> <b>Fire Alarm Replacement</b>	↓	<b>14</b>
<b>8709TI.9C</b>	<b>Capitol Mall ADC HR Bldg, 1831 W. Jefferson, Phx, AZ</b> <b>Fire Alarm Replacement</b>	↓	<b>15</b>
8720B	ADOA Managed Building, 1300 W. Washington, Phx, AZ Elevator Modernization	John Webster	16

**ARIZONA DEPARTMENT OF CORRECTIONS (ADC)**

5506	ASPC Lewis Complex – Design and Construct 500 Bed Maximum Custody Facility (ASPC Lewis - Rast Unit), Buckeye, AZ	Roger Berna	17-18
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**ARIZONA DEPARTMENT OF ECONOMIC SECURITY (DES)**

8608TI.8	DES 1789 W. Jefferson St., Phoenix, AZ Chiller and Cooling Tower Replacement	Jeff Pugh	19
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**ARIZONA DEPARTMENT OF HEALTH SERVICES (ADHS)**

8332	Arizona State Hospital (ASH) Replace Fire Alarm System @ Various Bldgs., Phx, AZ	Janet Collegio	20-21
8336	Arizona State Hospital (ASH) Chiller Replacements, Phx, AZ	Roger Berna	22

\*Note: ASPC - acronym for Arizona State Prison Complex



**ADC 500 Bed Maximum Custody  
Facility –Exterior  
ASPC Lewis -Buckeye, AZ**



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

**ADOA**

<u>Project #</u>	<u>Project Description by Agency</u>	<u>Project Manager</u>	<u>Page No</u>
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**ARIZONA DEPARTMENT OF JUVENILE CORRECTIONS (ADJC)**

4045	ADJC Adobe Mountain Schools-Fire Fighting Water Distribution System Phx, Arizona	Jeff Pugh	23
4046	ADJC Adobe Mountain Schools, Plumbing Chase Pipe Replacement Phx, Arizona	Jeff Pugh	24

**ARIZONA DEPARTMENT OF PUBLIC SAFETY (DPS)**

9505	DPS Tucson, CI Bldg., 6401 S. Tucson, Blvd., Tucson, AZ Fire Alarm System Replacement	Bill Anderson	25
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**ARIZONA DEPARTMENT OF REVENUE (ADOR)**

8420	Arizona Department of Revenue (DOR)-EMS Upgrades 1600 W. Monroe, Phx, AZ	Bill Anderson	26
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**ARIZONA DEPARTMENT OF TRANSPORTATION (ADOT)**

**ADOT Building Renewal Projects - FY2014-2015**

<p><b>Engineering Building</b> 205 S 17<sup>th</sup> Ave, Phx AZ – Evaluate roof, make temporary roof repairs and provide for a replacement roof as determined.</p> <p><b>Grey Peak Rock House Residential Bldg.</b> Greenlee County, AZ Replace failing roof system</p> <p><b>Facilities Equipment Shop</b> 2080, Globe, AZ – Replace HVAC system.</p> <p><b>Port of Entry W/B I-8 2017</b>, Yuma, AZ – Replace failing a/c unit.</p> <p><b>Various Buildings HVAC, Yuma, AZ</b> – Replace failing a/c units.</p> <p><b>2003 E Jackson St. East Area Lab Bldg. 1141, Phoenix, AZ</b> Provide a roof access ladder per engineer’s design.</p> <p><b>16380 N 59 Ave. Glendale MVD Bldg. 1421, Glendale, AZ</b> Roof and Parapet wall repairs.</p>	Alvin Spencer	27-28
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**ADVS Arizona Veterans' Memorial Cemetery @ Camp Navajo  
Bellemont, AZ**



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

**ADOA**

<u>Project #</u>	<u>Project Description by Agency</u>	<u>Project Manager</u>	<u>Page No</u>
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**ARIZONA DEPARTMENT OF TRANSPORTATION (ADOT)**

ADOT Building Renewal Projects - FY2014-2015

<p><b>9651 N 99 Ave. West Valley Construction Office Bldg. 1631, Peoria, AZ –</b> Roof and parapet wall repairs. <b>Ganado Equipment Storage Bldg. 3335, Ganado, AZ –</b> Replace defective existing roof. <b>200 N ADOT Ln Winslow MVD, Winslow, AZ –</b> Replace windows. <b>2140 W Hilton Bldg. 1703, Phoenix, AZ –</b> Replace defective existing roof. <b>2104 S. 22 Ave. Bldg. 1741, Phoenix, AZ –</b> Replace defective existing roof. <b>Quartzsite Fuel Station, Quartzsite, AZ –</b> Monitor excavations and in ground installations. Provide resource support. <b>Central Lab Bldg. 1121, Phoenix, AZ –</b> Repair existing roof.</p>	<p>Alvin Spencer</p> <p>↓</p>	<p>27-28</p>
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**ARIZONA DEPARTMENT OF VETERANS' SERVICES (ADVS)**

<p>9009 Arizona Veterans' Memorial Cemetery @ Camp Navajo, Bellemont, AZ</p> <p>9011 Arizona Veterans' Memorial Cemetery @ Marana, AZ</p>	<p>Jeff Pugh</p> <p>Jeff Pugh</p>	<p>29-30</p> <p>31</p>
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**ARIZONA HISTORICAL SOCIETY MUSEUM - TEMPE MUSEUM**

<p><b>8647TI.2 AHS Tempe Museum, 1300 N. College Ave., Tempe, AZ</b> FA Replacement System</p>	<p>Janet Collegio</p>	<p>32</p>
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**ARIZONA STATE TUCSON OFFICE COMPLEX**

<p>8630TI.15 Arizona State Tucson Office Complex - EMS Upgrades 400, 402, 416 W. Congress, Tucson, AZ</p>	<p>Bill Anderson</p>	<p>33</p>
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**Electrical Service Entrance (SES)  
Replacement @ Executive Tower  
Phoenix, AZ**



**Electrical Service Entrance (SES)  
Replacement @ Executive Tower  
Phoenix, 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.



**ADOT Quartzsite Fueling Station  
Quartzsite, AZ**



**ADOT Quartzsite Fueling Station  
Quartzsite, 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.

*continued...*

- 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 and Design  
Capitol Mall, Phoenix, AZ**

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

<b><u>Completion Dates</u></b>			
<b>Construction Documents:</b>	09/14	<b>100</b>	Percent Complete
<b>Notice to Proceed:</b>	TBD		
<b>Substantial Completion:</b>	TBD	<b>0</b>	Percent Complete
<b>Target Completion:</b>	TBD		

**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:**

- ❖ *The GMP (guaranteed maximum price) has been submitted and reviewed.*

*continued....*

- ❖ *A contract amendment is going through final approval so that the construction start date can be determined after receiving the construction schedule from Sun Eagle Corporation. An initial meeting will be held on December 4, 2014, to assist in coordinating the start of the project.*

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

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

**Completion Dates**

<b>Construction Documents:</b>	01/15/13	<b>100</b>	Percent Complete
<b>Bid Date:</b>	03/20/14		
<b>Notice to Proceed:</b>	05/22/14		
<b>Substantial Completion:</b>	12/16/14	<b>95</b>	Percent Complete
<b>Target Completion:</b>	12/31/14		

**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 SES is in place and energized.*
- ❖ *The new SES is powering the Emergency Power Panel and the HVAC Panel.*
- ❖ *The landscaping repair is in progress.*

**WFA 8633TI.19**

**ADOA Managed Building  
Sun State Building  
2910 N. 44<sup>th</sup> Street, Phoenix, AZ  
EMS Upgrade**

<b>Date Funded:</b>	07/01/13	
<b>Project Manager:</b>	William Anderson	
<b>Senior Project Manager:</b>	Janet Collegio	
<b>General Manager:</b>	Roger Berna	
<b>Budget:</b>	\$35,000	
<b>Budget Source:</b>	BR614013-08	Index: 21450
<b>Architect/Engineer:</b>	NA	
<b>Contractor:</b>	Arizona Comfort Zone	
<b>Statewide Statutory Review Project #</b>	CG-14-02	

<b><u>Completion Dates</u></b>			
<b>Construction Documents:</b>	NA	<b>60</b>	Percent Complete
<b>Bid Date:</b>	NA		
<b>Notice to Proceed:</b>	04/29/14		
<b>Substantial Completion:</b>	11/15/14	<b>99</b>	Percent Complete
<b>Target Completion:</b>	12/30/14		

**Project Description**

*Provide Construction Administration and Project Management for the upgrade of the Energy Management System (EMS) to upgrade Novar LingoXE controllers to the Novar TL1 JACEs, Upgrade the Condenser Water Plant controller to a Trend BACnet controller, upgrade the lighting controller to a Trend BACnet controller and provide JACE and controller level programming.*

**Project Status**

- ❖ *AZNET has worked through the connectivity problem.*
- ❖ *Arizona Comfort Zone and CCI has completed the installation and commissioning of the new EMS.*
- ❖ *Arizona Comfort Zone is replacing one of the heat pump controllers that isn't responding to the controls.*
- ❖ *We are waiting for closeout documents.*

**Carnegie Library Building  
Fire Alarm Replacement  
1101 W. University Drive  
Phoenix, Arizona**

<b>Date Funded:</b>	06/16/14
<b>Senior Project Manager:</b>	Janet Collegio
<b>General Manager:</b>	Roger Berna
<b>Budget:</b>	\$58,656.33
<b>Budget Source:</b>	ADOA Funded Index No. 21440 \$32,739.22 ADOA Funded Index No. 21450 \$25,917.11
<b>Architect/Engineer:</b>	LSW Engineers Arizona, Inc.
<b>Contractor:</b>	JOC – The SJ Anderson Company (in conjunction with Firetrol Protection Systems)
<b>Statewide Statutory Review Project #</b>	CG-09-03TI.9

<b><u>Completion Dates</u></b>			
<b>Construction Documents:</b>	06/09/14	<b>100</b>	Percent Complete
<b>Bid Date:</b>	N/A		
<b>Notice to Proceed:</b>	10/23/14		
<b>Substantial Completion:</b>	05/21/15	<b>0</b>	Percent Complete
<b>Target Completion:</b>	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**

- ❖ *Fire alarm permit was issued for this project.*
- ❖ *Preconstruction meeting was held on 10/23/14 with Carnegie Staff to discuss schedule of installation of new fire alarm replacement system.*
- ❖ *Due to holiday functions and schedule conflicts by the Customer and Fire Alarm Contractor, installation will begin the first week of January 2015.*

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

<b>Date Funded:</b>	06/16/14
<b>Senior Project Manager:</b>	Janet Collegio
<b>General Manager:</b>	Roger Berna
<b>Budget:</b>	\$106,022.00
<b>Budget Source:</b>	ADOA Funded Index No. 21440 \$62,109.07 ADOA Funded Index No. 21450 \$43,893.21
<b>Architect/Engineer:</b>	LSW Engineers Arizona, Inc.
<b>Contractor:</b>	JOC – The SJ Anderson Company (in conjunction with Firetrol Protection Systems)
<b>Statewide Statutory Review Project #</b>	CG-09-03TI.9

**Completion Dates**

<b>Construction Documents:</b>	06/09/14	<b>100</b>	Percent Complete
<b>Bid Date:</b>	N/A		
<b>Notice to Proceed:</b>	10/23/14		
<b>Substantial Completion:</b>	05/21/15	<b>0</b>	Percent Complete
<b>Target Completion:</b>	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 the 1831 W. Jefferson.*

**Project Status**

**New Fire Alarm System**

- ❖ *Fire alarm permit was issued for this project.*
- ❖ *Preconstruction meeting was held on 10/23/14 with Carnegie Staff to discuss schedule of installation of new fire alarm replacement system.*
- ❖ *Due to holiday functions and scheduling conflicts by the Customer and Fire Alarm Contractor, installation will begin the first week of January 2015.*

JC8709TI9.B

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

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

**Completion Dates**

<b>Construction Documents:</b>	12/31/14	<b>95</b>	Percent Complete
<b>Bid Date:</b>	N/A		
<b>Notice to Proceed:</b>	TBD		
<b>Substantial Completion:</b>	TBD	<b>0</b>	Percent Complete
<b>Target Completion:</b>	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**

- ❖ *Plans and Specifications have been submitted for Statutory Review and Risk Management.*
- ❖ *After review, the Engineer will finalize to 100% Construction Drawings and they will be ready for pricing by the SJ Anderson Company in conjunction with Firetrol Protection Systems.*

JC8709TI9.C

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

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

<b><u>Completion Dates</u></b>			
<b>Construction Documents:</b>	05/19/14	<b>100</b>	Percent Complete
<b>Bid Date:</b>	08/12/14		
<b>Notice to Proceed:</b>	TBD		
<b>Substantial Completion:</b>	TBD	<b>0</b>	Percent Complete
<b>Target Completion:</b>	09/30/15		

**Project Description:**

*Sun Engineering and their design team (VTX & C H 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's contract is currently being finalized at State Procurement.*
- ❖ *Expect construction to start by the first week of January, 2015.*

**Arizona Department of Corrections (ADC)  
500 Bed Maximum Custody Facility  
ASPC Lewis – Rast Unit, Buckeye, AZ**

<b>Date Assigned:</b>	10/01/2012
<b>Senior Project Manager:</b>	Mike Rank
<b>General Manager:</b>	Roger Berna
<b>Budget:</b>	\$50,000,000
<b>Budget Source:</b>	50 <sup>th</sup> Leg., 2 <sup>nd</sup> RS, Laws 2012, Chapter 295, SB1524, Section 6 - Index No. 23002
<b>Architect:</b>	DLR Group, Inc.
<b>Contractor:</b>	JE Dunn Contractors
<b>Statewide Statutory Review Project #:</b>	CG-13- 02

**Completion Dates**

<b>Construction Documents:</b>	08/16/13*	<b>100</b>	Percent Complete
	*Main Building Package		
<b>Bid Date:</b>	N/A		
<b>Notice to Proceed:</b>	01/24/13		
<b>Construction NTP:</b>	06/15/13		
<b>Substantial Completion:</b>	10/17/14 Phase 1	<b>100</b>	Percent Complete
	11/21/14 Phase 2	<b>98</b>	
<b>Target Completion:</b>	12/01/14		

**Project Description**

*Senate Bill SB1524 authorized the design and construction of a 500 Bed Maximum Custody Facility and appropriated \$20,000,000 in FY13 and \$30,000,000 in FY14 for this project. A Construction Manager at Risk (CM@R) will be used with multiple Guaranteed Maximum Price (GMP) bid packages to optimize an accelerated delivery by October 1, 2014.*

**Project Status**

- ❖ *The Medical Addition, Kitchen Renovation and fine grading were substantially complete on November 21, 2014. The contractor continues work on punch-list items identified by the architect during inspection.*
- ❖ *The prison is ready to occupy and ADC will begin loading inmates on December 8, 2014. Fifty inmates per week will be moved to the new facility until completely occupied in February of 2015.*

*continued....*

- ❖ *The contactor will complete punch-list items within thirty days (by December 20, 2014) and begin a final accounting of the project to determine shared savings to be returned to the state.*

**RB 5506**

**Arizona Department of Economic Security (DES)  
1789 W. Jefferson St., Phoenix, AZ  
Chiller and Cooling Tower Replacement**

<b>Date Funded:</b>	10/31/2013	
<b>Project Manager:</b>	Jeff Pugh	
<b>Senior Project Manager:</b>	Janet Collegio	
<b>General Manager:</b>	Roger Berna	
<b>Budget:</b>	Design: \$250,000 Construction: \$2,280,509	
<b>Budget Source:</b>	BR 130025	Index 21440
<b>Architect/Engineer:</b>	Bridgers and Paxton Consulting Engineers, Inc.	
<b>Contractor:</b>	Bel Aire Mechanical, Inc.	
<b>Statewide Statutory Review Project #:</b>	CG-13-17	

**Completion Dates**

<b>Construction Documents:</b>	03/31/14	<b>100</b>	Percent Complete
<b>Bid Date:</b>	04/17/14		
<b>Notice to Proceed:</b>	06/13/14		
<b>Substantial Completion:</b>	12/01/14	<b>85</b>	Percent Complete
<b>Target Completion:</b>	12/30/14		

**Project Description:**

*Design and construction administration for 1789 W. Jefferson St. cooling tower and chiller replacement project. Also decommissioning of ice tank along with removal of all associated piping, controls and wiring.*

**Project Status**

- ❖ *Currently working on completion of the eastside screen wall.*
- ❖ *Bel-Aire has completed the 14 inch supply header under the cooling tower.*
- ❖ *Chilled water 1 and 2 pumps are installed, piping is complete, and pumps have been grouted and final connection of cooling towers in in progress.*
- ❖ *All VFD's for chilled water pumps have been programmed. Installation of chilled water cross-over headers are complete. All chilled water piping has been pressure tested. Columns and beams have been installed for cooling towers.*
- ❖ *Cooling tower piping is 90% complete and 100% fabricated.*

**Arizona Department of Health Services (ADHS)  
Arizona State Hospital  
Replace Fire Alarm System  
Phoenix, Arizona**

<b>Date Funded:</b>	07/01/11
<b>Senior Project Manager:</b>	Mike Rank
<b>General Manager:</b>	Roger Berna
<b>Budget:</b>	\$1,400,000 + Annual Supplemental
<b>Budget Source:</b>	BR 2012-03 Indexes No. 21430, 21440, 21450 and 21465
<b>Architect/Engineer:</b>	LSW Engineers Arizona, Inc.
<b>Contractor:</b>	JOC – SJ Anderson Company
<b>Review Project #:</b>	
<b>Statewide Statutory</b>	CG-12-03

**Completion Dates**

<b>Construction Documents:</b>	05/01/12	<b>100</b>	Percent Complete
<b>Bid Date:</b>	N/A		
<b>Notice to Proceed:</b>	03/10/14		
<b>Substantial Completion:</b>	TBD	<b>98</b>	Percent Complete
<b>Target Completion: Phase I:</b>			

**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.*

**Project Status**

- ❖ *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.*
- ❖ *The dampers have been repaired and field verified for operation.*
- ❖ *The Hospital needs to have their service maintenance vendor disable the dialers that are interrupting the work with the newly installed fire alarm replacement.*

*continued...*

- ❖ *Once the dialers have been disconnected, the fire alarm contractor can call for State Fire Marshal's inspection.*
- ❖ *Phase II documents currently in design phase with LSW Engineers.*

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

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

<b><u>Completion Dates</u></b>			
<b>Construction Documents:</b>	01/31/15	<b>05</b>	Percent Complete
<b>Bid Date:</b>	N/A		
<b>Notice to Proceed:</b>	TBD		
<b>Substantial Completion:</b>		<b>0</b>	Percent Complete
<b>Target Completion:</b>	05/30/15		

**Project Description**

*Scope has been revised to design only 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**

- ❖ *The engineer has identified applicable chillers from various manufacturers and is performing an energy analysis for life cycle cost comparison.*
- ❖ *A progress meeting is scheduled for December 10, 2015.*

**RB 8336**

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

<b>Date Funded:</b>	08/09/13
<b>Project Manager:</b>	Jeff Pugh
<b>Senior Project Manager:</b>	Janet Collegio
<b>General Manager:</b>	Roger Berna
<b>Budget:</b>	\$1,100,000
<b>Budget Source:</b>	BR 130021                      Index 21440 and 21450
<b>Architect/Engineer:</b>	David Evans Associates (DEA)
<b>Contractor:</b>	Redpoint Contracting
<b>Statewide Statutory Review Project #:</b>	CG-13-16

**Completion Dates**

<b>Construction Documents:</b>	05/15/14	<b><u>100</u></b>	Percent Complete
<b>Bid Date:</b>	08/20/14		
<b>Notice to Proceed:</b>	09/15/14		
<b>Substantial Completion:</b>	09/30/15	<b><u>0</u></b>	Percent Complete
<b>Target Completion:</b>	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**

- ❖ *Project team (Redpoint Contracting, David Evans, ADJC and ADOA staff) met for pre-construction meeting and Notice to Proceed was issued to Redpoint starting October 29<sup>th</sup>.*
- ❖ *Redpoint began construction on the expansion of firelines and hydrants in the areas designated section #1, located in the northwest section at Adobe Mountain.*
- ❖ *Repoint has installed approximately 300 feet of fire line, along with multiple fittings and hydrants. During the installation process, Repoint encountered several unknown utilities which has slowed the pipe installation.*

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

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

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

- ❖ *No bids for construction were received for this project.*
- ❖ *ADOA is engaging a JOC contractor S.J. Anderson to provide a price for this project. Engineer and ADOA staff is reviewing and analyzing S.J. Anderson's quote.*

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

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

**Completion Dates**

<b>Construction Documents:</b>	09/15/14	<b>100</b>	Percent Complete
<b>Bid Date:</b>	N/A		
<b>Notice to Proceed:</b>	TBD		
<b>Substantial Completion:</b>	TBD	<b>0</b>	Percent Complete
<b>Target Completion:</b>	TBD		

**Project Description**

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

**Project Status**

- ❖ *Construction Documents are complete. Risk Management and the State Engineer have reviewed the CDs and provided their recommendations.*
- ❖ *A Purchase Order for CCE Inc. is being processed.*

WFA 9505

**Arizona Department of Revenue (DOR)  
1600 W. Monroe, Phoenix, AZ  
EMS Upgrades**

<b>Date Funded:</b>	03/04/14	
<b>Project Manager:</b>	William Anderson	
<b>Senior Project Manager:</b>	Janet Collegio	
<b>General Manager:</b>	Roger Berna	
<b>Budget:</b>	\$135,000	
<b>Budget Source:</b>	BR614013-07	Index: 21450
<b>Architect/Engineer:</b>	NA	
<b>Contractor:</b>	Arizona Comfort Zone	
<b>Statewide Statutory Review Project #</b>	CG-14-01	

<b><u>Completion Dates</u></b>			
<b>Construction Documents:</b>	NA	<b>100</b>	Percent Complete
<b>Bid Date:</b>	NA		
<b>Notice to Proceed:</b>	04/15/14		
<b>Substantial Completion:</b>	11/15/14	<b>99</b>	Percent Complete
<b>Target Completion:</b>	12/30/14		

**Project Description**

*Provide Construction Administration and Project Management for the upgrade of the Energy Management System (EMS) for the DOR Building to allow the mechanical infrastructure to be monitored and operated from the FOAM HVAC Command Center.*

**Project Status**

- ❖ *The system is complete and is being commissioned*
- ❖ *Closeout documents are being prepared.*

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

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

### Completion Dates

<b>Notice to Proceed:</b>	Various Dates
<b>Substantial Completion:</b>	Various Dates
<b>Target Completion:</b>	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

- ❖ **Engineering Building 205 S 17<sup>th</sup> Ave, Phx, AZ** – Replace existing failing roof.  
**Status:** The demolition and roofing will start on 12/01/2014.
- ❖ **Grey Peak Rock House Residential Bldg, Greenlee County, AZ** – Replace failing roof system.  
**Status:** The JOC cost proposal is rejected. The scope will be revised.
- ❖ **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.
- ❖ **Various Buildings HVAC, Yuma, AZ** – Replace failing a/c units.  
**Status:** This work is complete.
- ❖ **2003 E Jackson St. East Area Lab Bldg. 1141, Phoenix, AZ** – Provide a roof access ladder per engineer's design.  
**Status:** A purchase order has been issued.
- ❖ **16380 N 59 Ave. Glendale MVD Bldg. 1421, Glendale, AZ** – Roof and parapet wall repairs.  
**Status:** This project is postponed to FY16. This project will be deleted from this report.
- ❖ **9651 N 99 Ave. West Valley Construction Office Bldg. 1631, Peoria, AZ** – Roof and parapet wall repairs.  
**Status:** A scope of work is being developed.

*continued....*

- ❖ **Ganado Equipment Storage Bldg. 3335, Ganado, AZ** – Replace defective existing roof.  
**Status:** A purchase order has been issued for this work.
- ❖ **200 N ADOT Ln Winslow MVD, Winslow, AZ** – Replace windows.  
**Status:** A request for cost proposal has been issued to a local contractor.
- ❖ **2140 W Hilton Bldg. 1703, Phoenix, AZ** – Replace defective existing roof.  
**Status:** A purchase order has been issued for this work.
- ❖ **2104 S. 22 Ave. Bldg 1741, Phoenix, AZ** – Replace defective existing roof.  
**Status:** A JOC proposal has been received and a purchase order has been issued.
- ❖ **Quartzsite Fuel Station, Quartzsite, AZ** – Monitor excavations and in ground installations.  
Provide resource support.  
**Status:** The fuel system is installed and tested. An asphalt apron around the fuel station remains to be installed.
- ❖ **Central Lab Bldg. 1121, Phoenix, AZ** – Repair existing roof.  
**Status:** A purchase order has been issued for this work.

**AS-ADOT**

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

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

**Completion Dates**

<b>Construction Documents:</b>		<b>100</b>	Percent Complete
<b>Bid Date:</b>	06/27/14		
<b>Notice to Proceed:</b>	07/14/14		
<b>Substantial Completion:</b>	12/20/15	<b>25</b>	Percent Complete
<b>Target Completion:</b>	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. and their sub-contractors have completed surveying the site.*
- ❖ *Stormwater and tree protection is in place.*
- ❖ *All roads are cut in and aggregate base has been installed and prepared for asphalt paving.*
- ❖ *The crypt area has been excavated and graded.*

*continued...*

- ❖ *Footings and stem walls for administration and maintenance buildings are in place.*
- ❖ *Footings are excavated for the committal shelter.*
- ❖ *Concrete curbs have been installed and completed.*
- ❖ *Water well drillers have drilled down approximately 2140 feet. The crew encountered some water.*
- ❖ *Work on elk fence construction is ongoing.*
- ❖ *All storm drain piping is in place*
- ❖ *Current trades working: site utilities, fencing, paving, site concrete, and masonry, underslab plumbing, heating, electrical crypt installation.*

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

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

**Completion Dates**

<b>Construction Documents:</b>		<b>100</b>	Percent Complete
<b>Bid Date:</b>	07/25/14		
<b>Notice to Proceed:</b>	TBD		
<b>Substantial Completion:</b>	09/09/15	<b>15</b>	Percent Complete
<b>Target Completion:</b>	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**

- ❖ *SDB Inc. completed mass excavation, clearing and grub of project site.*
- ❖ *Strom drain installation is 75% complete*
- ❖ *Roadway and building pad over excavation and compaction are underway.*

**JP 9011**

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

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

<b><u>Completion Dates</u></b>			
<b>Construction Documents:</b>	11/05/14	<b>100</b>	Percent Complete
<b>Bid Date:</b>	N/A		
<b>Notice to Proceed:</b>	TBD		
<b>Substantial Completion:</b>	TBD	<b>0</b>	Percent Complete
<b>Target Completion:</b>	6/30/16		

**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**

- ❖ *Firetrol Protection Systems, fire alarm contractor, is preparing the CAD drawings for the new fire alarm replacement system along with a new pre-action system.*
- ❖ *Once the CAD drawings are completed, Engineer will review and issue a stamped letter of design compliance so the fire alarm contractor can submit to the State Fire Marshal for a permit to install new fire alarm replacement system.*

JC8647TI.2

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

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

**Completion Dates**

<b>Construction Documents:</b>	NA	<b>100</b>	Percent Complete
<b>Bid Date:</b>	NA		
<b>Notice to Proceed:</b>	04/15/14		
<b>Substantial Completion:</b>	11/30/14	<b>91</b>	Percent Complete
<b>Target Completion:</b>	12/31/14		

**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**

- ❖ *6 Dual Duct VAV boxes were uncovered in the lower level of the 416 Building that cannot be converted to work with electronic actuators and are being replaced.*
- ❖ *The work in the South building is in progress. 67 VAV boxes that were not on the plans have been identified. Climatec is establishing pricing for the additional work and a Change Order will be necessary.*
- ❖ *The 15 new IP Addresses have been assigned and specific termination points located. AZNET is ready to provide connectivity to those IP addresses when Climatec can get the CAT6 cable pulled to each termination point.*

WFA 8630TI.15