

ATTACHMENT D MONTHLY REPORT #9 **June 2018**



MONTEREY COUNTY RESOURCE MANAGEMENT AGENCY PUBLIC WORKS AND **FACILITIES ARCHITECTURE**

Location: 1410 Natividad Road, Salinas, CA 93906

> **Owner:** County of Monterey

> > Architect: Lionakis

Construction Manager: APSI—SixthDimension

Contractor: Amoroso Construction

JAIL HOUSING ADDITION

The Jail Housing Addition (Project) provides 576 new beds in eight housing units distributed on two floors, program spaces for inmates, administration and staff support spaces, and public entrance with video visitation. The Project is located on the west side of the existing jail on an existing parking lot and a fenced secure outdoor yard that is not currently used. The primary site is 2.65 acres. There will be some site work outside this area to complete the Project. The addition consists of one building of Type I construction and includes a single story administration and public entrance area and a two story, four level inmate housing unit with a connection to the existing jail. The Project has approximately 134,000 square feet with a building footprint of approximately 55,400 square feet. The structure includes precast concrete cells, columns, beams, and hollow core pre-cast planks with some load bearing concrete masonry units, metal decking, and reinforced concrete slabs. The single story portion is a steel frame structure. The exterior is precast concrete walls, concrete masonry units, and insulated metal panels with an integral window system, metal studs, and cement plaster. .Base Bid consists of new construction of an Addition is a Type I-A construction, non-combustible throughout, matching the existing jail building construction, with an automatic fire sprinkler system and fire alarm systems.

TOPICS OF THE MONTH:

The casting of the approved cells, planks, walls, beams and columns at Bethlehem Construction's fabrication plant in Wasco is ongoing. Fabrication of all modules will be cast by mid July along with the detention cell furnishings being installed. The precast wall, planks, beams and columns arrived in late June, the precast detention cells are scheduled to arrive the second week of July. SJ Amoroso is continuing to schedule activities that would have followed the erection of the modules to precede the erection, the same activities can also run concurrent with the modules so as to minimize any potential delays to the project.



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Monthly Report—June 2018 CONCEPTION CONTRACT **PROGRESS SINCE LAST REPORT** Precast fabrication plant casting of cell modules ongoing Area B corridors under slab vapor barrier Area B place CMU starter course (ongoing) Area B corridor place under slab rock Contingency \$6,627,700 Area C under slab electrical and plumbing Area B corridor SOG R/F steel Area B corridor SOG embeds Area B place corridor SOG • Area B set precast Walls and columns Area B&C place concrete in cast n place columns Area C place elevator pit walls waterproofing Area C under slab rock Area C CMU starter course Area A Apply structural steel fireproofing Building A set mechanical unit curbs • Building A Building A interior metal studs (ongoing) Building A install HM frames (ongoing) • Building A set roof hatch curb • Building A install Dens-deck Building A install metal wall panels • **Building A roof insulation Building A Exterior lath** Building A exterior metal panel underlayment vapor barrier Building A exterior plaster underlayment vapor barrier Beck Steel fabrication (ongoing)

NEXT 30 DAYS ACTIVITIES

- Building A Exterior plaster scratch coat
- Building A Interior Wall Electrical rough-in
- Building A Interior Metal stud wall framing
- Building A Install HM door frames
- Building A Overhead MEP & FS rough-in
- Building A Exterior plaster scratch brown and finish coat
- Building A Roof walk pads
- Building A interior plumbing and electrical rough-in
- Area B&C grout CMU starter courses
- Area B&C Central Corridor CMU to 2nd floor
- Area B set Precast Walls, Planks, Columns and Beams
- Area B corridor set HM frames
- Area B east, set Precast Detention Cells
- Ongoing steel fabrication Beck Steel

CONSTRUCTION CONTRACT					
CURRENT	ORIGINAL	CURRENT			
Construction Amount	\$66,277,000	\$66,942,350			
Duration (Calendar Days)	730	730			
Contingency	\$6,627,700	\$5,962,350			

P	AYMENTS				
Total Earned to Date	\$23,795,481				
Remaining Balance	\$43,146,869				
COST DATA:					
Percent Complete	35.55%				
SCHEDULE DATA:					
Calendar Days Elapsed	334				
Calendar Days Remaining	396				
Percent Time Elapsed	46%				
EXECUTED CHANGE ORDERS					
Executed Change Orders Issue	d 53				
Total Executed Change Orders	38				
Percent of Original Contract A	mount 1.0%				
Schedule Impact (Days Grante	d) 0				
REASON	lumber VALUE				

REASON	Number	VALUE
Probable Design Error		
Probable Design		\$92,325
Omission	13	JJZ,JZJ
Owner Request	33	\$502,257
Unforeseen Site		\$ 70,768
Conditions	7	Ş 70,708
Contractor Request		
Other		
TOTAL:		\$665,350

REQUESTS FOR INFORMATION		SUBMITTALS	
Total RFI's Submitted	331	Total Required	856
Total RFI's Responded	327	Total Submitted	472
Total RFI's Outstanding	4	Total Returned	467
	4 Days	Total Outstanding	05
Average Response Time	4 Days	Average Turn-Around Time	09 Days

SAFETY / SWPPP:

No Concerns or accidents at this time

CRITICAL ISSUES:

Schedule Submittal

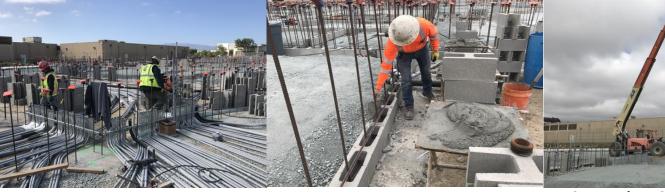
The Baseline schedule has been Approved as Noted Monthly updates are being submitted but the contractor is still 4 months behind in submitting the Monthly Updates

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Trucking Routes and Permits from OSHA, CHP and Salinas PD all need to be reviewed/approved/obtained prior to trucking the <u>pre-cast_cells</u> to the project.

SCHEDULE MILESTONES:

Notice to Proceed—8/01/17 Completion—7/31/19 Switchgear Operational—4/02/18 Emergency Generator Operational—4/03/18 Administration Complete—7/10/19 Completion of Housing Unit Area B and C—7/30/19 Completion of Housing Unit C—7/31/19 Testing and Commissioning Jail House Area B and C—6/25/19 New Jail Housing Addition Monthly Report—June 2018



Under Slab Conduits

CMU Starter Course

Cast In Place Concrete Columns



Building A Roofing Insulation

Building A Scaffolding

Building A Installing Hangers for MEP



Connecting Corridor Vapor Barrier

Arrival of the Crane

Corridor Concrete Placement



First Panel Lift

Wall Panel Bracing

Precast Wall Panel Placement