



**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 cells, planks, walls, beams and columns at Bethlehem Construction's fabrication plant in Wasco has been ongoing since February resulting in the fabrication of 37 modules. The modules are in various stages of finishes which includes the painting, cell furniture, door and window frames as well as the glazing. Final acceptance of the modules is anticipated early next month. With the detention slabs being placed early next month it appears the arrival of the first modules will be on schedule for the last week of April.

PROGRESS SINCE LAST REPORT

- Area B form detention slab
- Area B dig remaining footings
- Area A deliver Structural Steel
- Area A erect Structural Steel
- Area B & C remaining footing deliver reinforcing steel
- Area C dig remaining footings
- Connecting Corridor place concrete
- Area B mat foundation place concrete
- Area C install remaining foundation steel
- Area C embeds Detention foundation
- Area C Detention SOG
- Area C backfill elevator pit walls
- Area A Reinforcing steel for SOG
- Area A place SOG
- Area A erect structural steel (ongoing)
- Precast fabrication plant casting of cell modules ongoing
- Beck Steel fabrication and delivery of the Structural Steel and roof decking for the Administration Building

NEXT 30 DAYS ACTIVITIES

- Area B place detention SOG
- Area B Place remaining foundations
- Area B Install Precast Detention Units East
- Area B Install Precast walls East
- Area B install Precast Columns and Beams East
- Area B install Precast planks East
- Area C install embeds at remaining foundations
- Area C place Detention SOG
- Area C install remaining foundation steel
- Area C backfill Elevator pit walls
- Area C remaining foundation concrete
- Area A erect structural steel (ongoing)
- Area A Exterior metal framing
- Area A Metal roof decking
- Area A Wood top cap
- Precast fabrication plant casting of cell modules ongoing

CONSTRUCTION CONTRACT

CURRENT	ORIGINAL	CURRENT
Construction Amount	\$66,277,000	\$66,598,101
Duration (Calendar Days)	730	730
	\$6,627,700	\$6,306,599
Contingency		

PAYMENTS

Total Earned to Date	\$12,595,203
Remaining Balance	\$53,993,898

COST DATA:

Percent Complete	18.93%
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SCHEDULE DATA:

Calendar Days Elapsed	243
Calendar Days Remaining	487

Percent Time Elapsed	33%
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EXECUTED CHANGE ORDERS

Executed Change Orders Issued	29
Total Executed Change Orders	19
Percent of Original Contract Amount	.46%
Schedule Impact (Days Granted)	0

REASON	Number	VALUE
Probable Design Error		
Probable Design Omission		\$60,357
Owner Request		\$198,181
Unforeseen Site Conditions		\$ 48,092
Contractor Request		
Other		
TOTAL:		\$306,630

REQUESTS FOR INFORMATION

Total RFI's Submitted	260
Total RFI's Responded	249
Total RFI's Outstanding	11
Average Response Time	6 Days

SUBMITTALS

Total Required	856
Total Submitted	301
Total Returned	262
Total Outstanding	39
Average Turn-Around Time	9 Days

SAFETY / SWPPP:

No Concerns or accidents at this time

CRITICAL ISSUES:

Schedule Submittal

The Baseline schedule has not yet been accepted due to Contractor delays in submitting the schedule and responding to review comments.

Acceptance of the finishes and furniture of the Precast cells the first week in April. SJ Amoroso has indicated their sub contractor has notified them the Precast cells are ready for Final Review at the precast plant in Wasco CA.

SCHEDULE MILESTONES:

Completion 7/31/19

The Baseline Schedule has been Approved as Noted.



Area A Under Slab Rock



Area C Under Slab Plumbing



Placing Rebar at Corridor



Area C Below Slab Plumbing



Connecting Corridor Slab



Under slab Vapor Barrier



Area A SOG Rebar



Detention Slab Rebar Placement



Under Detention Slab Electrical



Area A SOG



Conducting Flatness Test Area A



Area A Steel Delivery
APSI SixtDimension
CONSTRUCTION MANAGEMENT