



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.

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
- 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

PAYMENTS

Total Earned to Date	\$23,795,481
Remaining Balance	\$43,146,869

COST DATA:

Percent Complete	35.55%
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SCHEDULE DATA:

Calendar Days Elapsed	334
Calendar Days Remaining	396
Percent Time Elapsed	46%

EXECUTED CHANGE ORDERS

Executed Change Orders Issued	53
Total Executed Change Orders	38
Percent of Original Contract Amount	1.0%
Schedule Impact (Days Granted)	0

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

REQUESTS FOR INFORMATION

Total RFI's Submitted	331
Total RFI's Responded	327
Total RFI's Outstanding	4
Average Response Time	4 Days

SUBMITTALS

Total Required	856
Total Submitted	472
Total Returned	467
Total Outstanding	05
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 Up-
dates

Trucking Routes and Permits from OSHA, CHP and
Salinas PD all need to be reviewed/approved/obtained
prior to trucking the pre-cast cells 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



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