G960100-01 -O-PV

Subgrade preparation for the beam tube slabs is ongoing along both the northwest and the southwest arm.

G960100-02 -O-P

Acme has completed the placing of Capillary Rock for the northwest and the southwest arm beam tube slab. Placing and compacting the final lift of base material is ongoing.

G960100-03-O-P

Final cut of the base material to the bottom of concrete for the beam tube slab elevation and final compaction is ongoing for the northwest and the southwest arm.

G960100-04-O-P

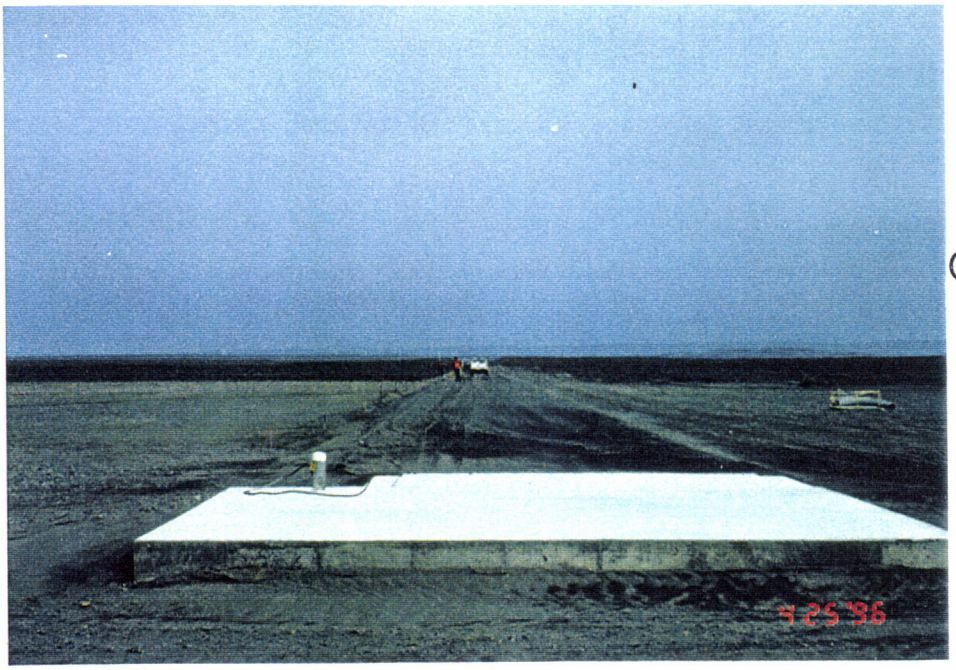
Sand for concrete batching is a by-product of the gravel washing and segregating operation which is a on-site activity by Acme.

G960100-05-O-P

3/4" gravel is washed and segregated from the rock delivered to the LIGO site from the Hanford gravel pit No. 6.

G960100-06-O-P

Adequate quantities of sand, 3/4", and 1 1/2" rock have been stockpiled for concrete batching as is required for the beam tube slabs slipforming



G960100-07-OP

Completed vacuum equipment interface slab at the northwest arm corner station.

G960100-08-OP

Completed vacuum equipment interface slab at the southwest arm corner station. Electrical ductbank excavation in the background.

G960100-09-OP

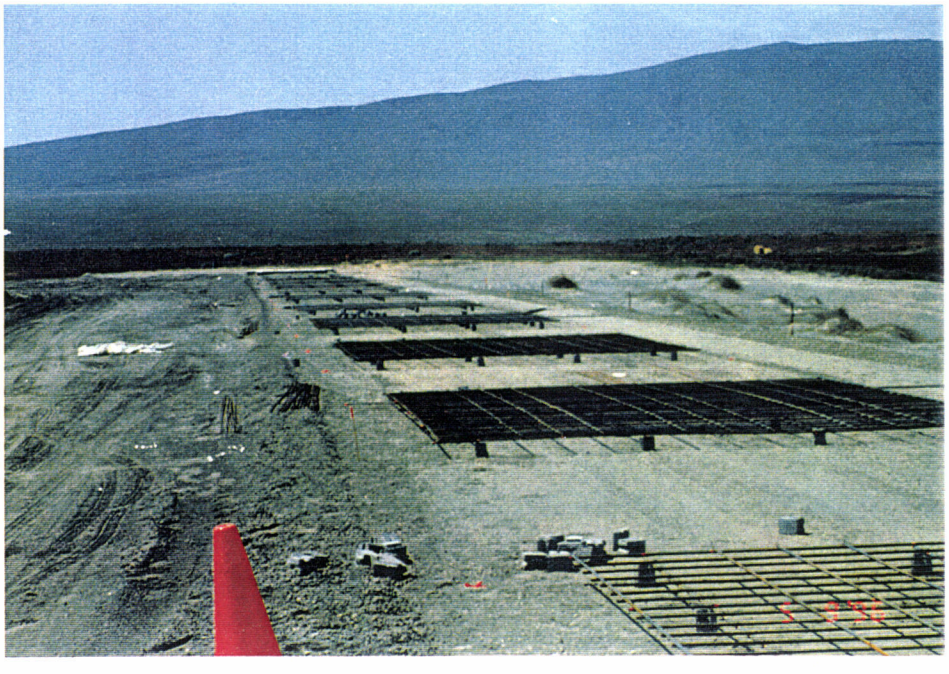
View of the northwest arm end station area. the covered for curing vacuum equipment interface slab in the background

G960100- 10-O-P

Final elevation has been cut for the beam tube slab bottom of concrete in preparation for setting rebar.

G960100-11 -O-P

Subcontractor to Acme, Columbia Steel & Iron started the lay out for the rebar.



G960100- 12 -O-PV

Rebar is set on dobies to the proper spacing. Rebar mats are tied to the dimensions between the contraction/ expansion joints.

G960100-13-O-P

Excavating test holes, in the area of the future septic leach field, for the Department of Health inspector.

G960100-14-O-P

Inspecting the soil at the -2' elevation from natural grade. The inspection is witnessed by the Parsons civil engineer for accuracy.

G960100-15-O-P

Soil analysis by the Department of Health Inspector continued at the -4' elevation from natural grade.

G960100- 16 -O-P

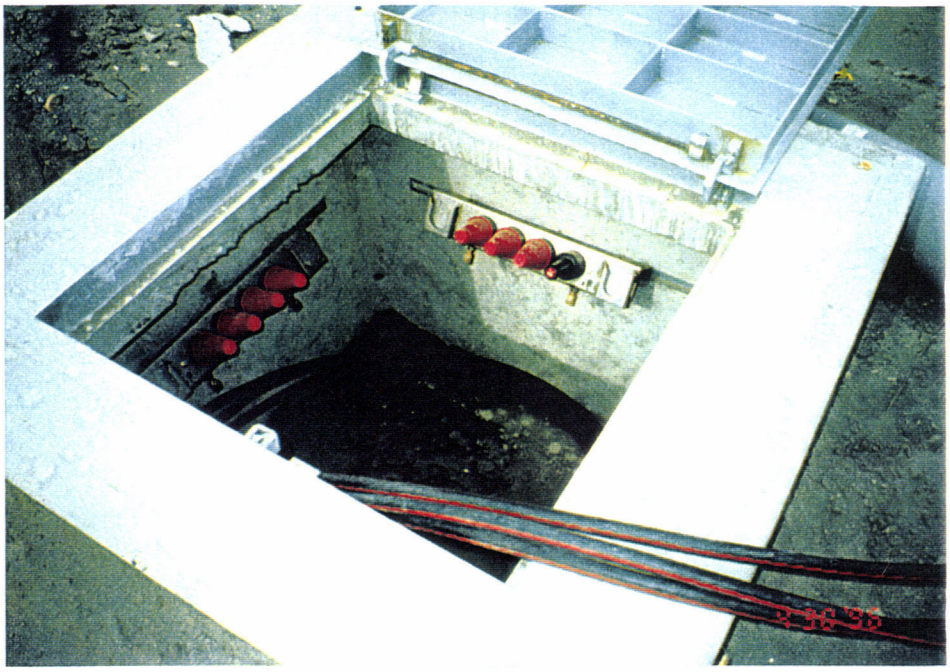
Soil analysis by the Department of Health Inspector continued.

G960100-17 -O-P

Soil analysis by the Department of Health Inspector continued. Parsons civil engineer continued the inspection. Picture same as previous in a different light

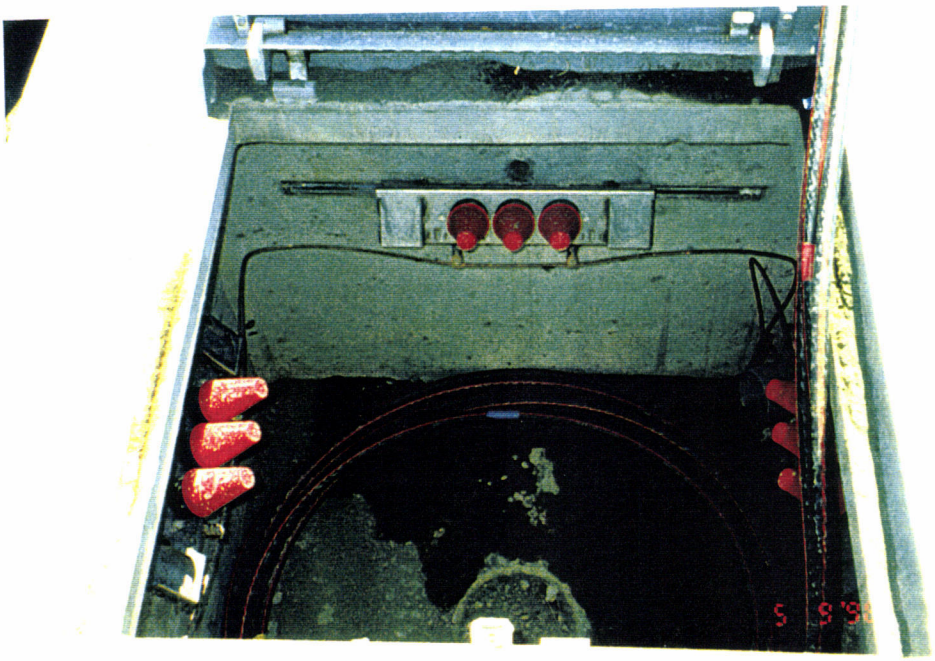
G960100- 18 -O-P

Soil analysis by the Department of Health Inspector was completed. Are seems to be acceptable for a leach field. Final report will be issued to Parsons.



G960100-19-O-PV

Typical interior view of the PUD installed electrical bake out boxes and 13.8 kv cable.

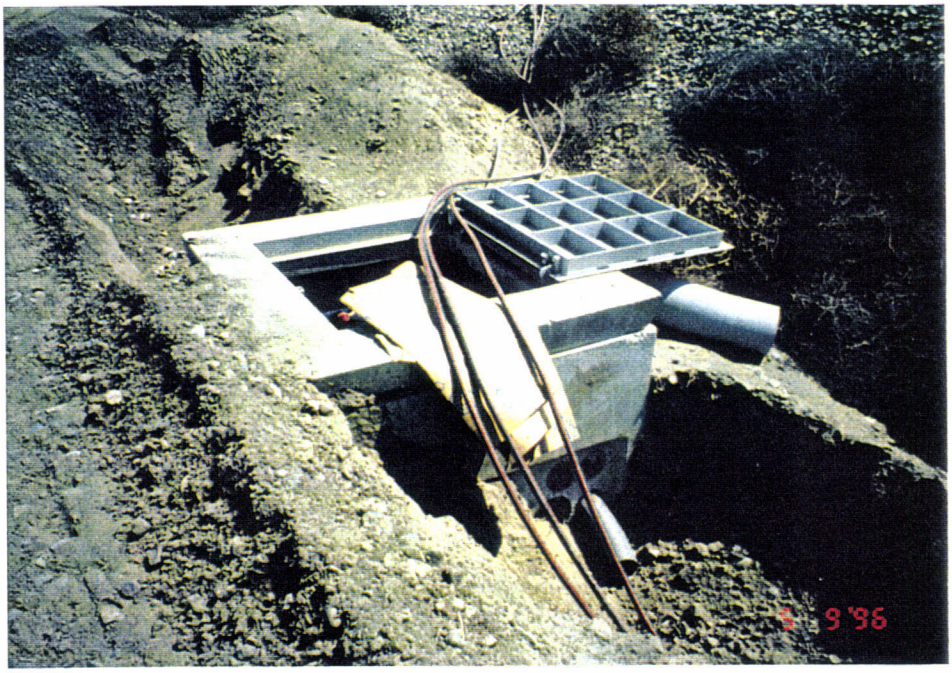


G960100-20-O-P

Typical interior view of the PUD installed electrical bake out boxes and 13.8 kv cable. Adequate length of cable are coiled for termination.

G960100-21-O-P

Typical Completed electrical bake out vault installation along both arms. Interior termination of the 13.8 kv cable is outstanding.

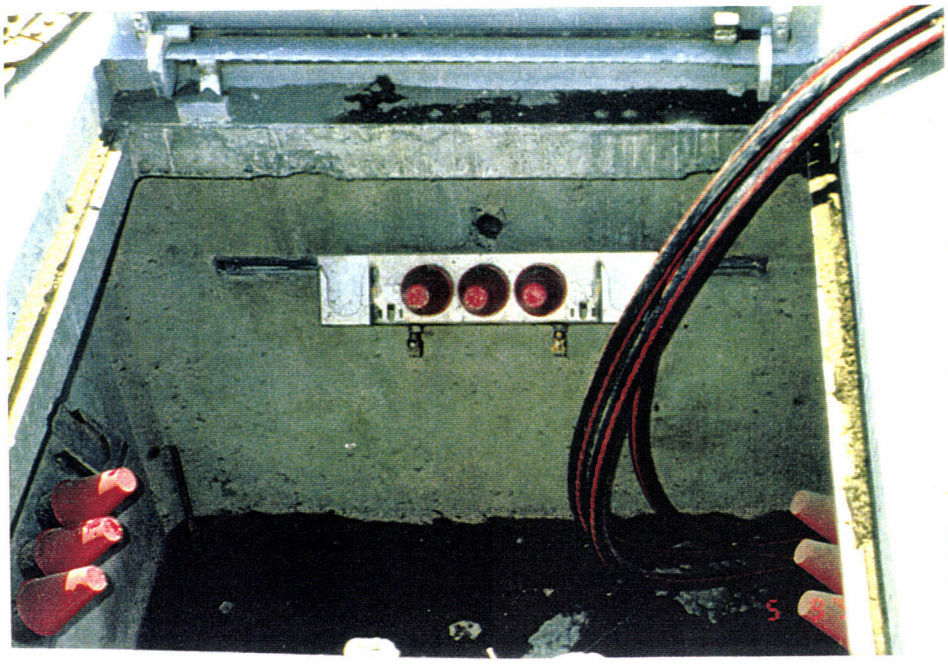


G960100-22-OP

Typical PUD installed electrical bake out vault. Pulled the 13.8 kv cable to all the vaults along both arms.

G960100-23-OP

PUD installed the 90 deg. ell for the future bake out transformer connection.



G960100-24-OPV

Typical interior view of the PUD installed electrical bake out boxes and 13.8 kv cable.

G960100-25-OP

Acme subcontractor, American Electric excavated and installed the 4" dia. electrical conduit connection from the bake out transformer location to the beam tube service entrance location.

G960100-26-OP

Placing concrete for the ductbank from the bake out transformer location to the beam tube service entrance location.

G960100-27-OP

Completed duct bank from the bake out transformer location to the beam tube service entrance location.

G960100-28-O-P

Completed duct bank from the bake out transformer location to the beam tube service entrance location. (same view as previous)

G960100-29-O-P

Completed duct bank from the bake out transformer location to the beam tube service entrance location. Added red oxide to the top of the duct bank for electrical identification.

G960100-30-O-P

PUD 13.8 kv cable ready for installation

G960100-31-O-PV

PUD 13.8 kv cable transport for installation

G960100-32-O-P

View of the 13.8 kv cable run after burial.

G960100-33-0-P

Acme concrete conveyor equipment for paving.

G960100-34-0-P

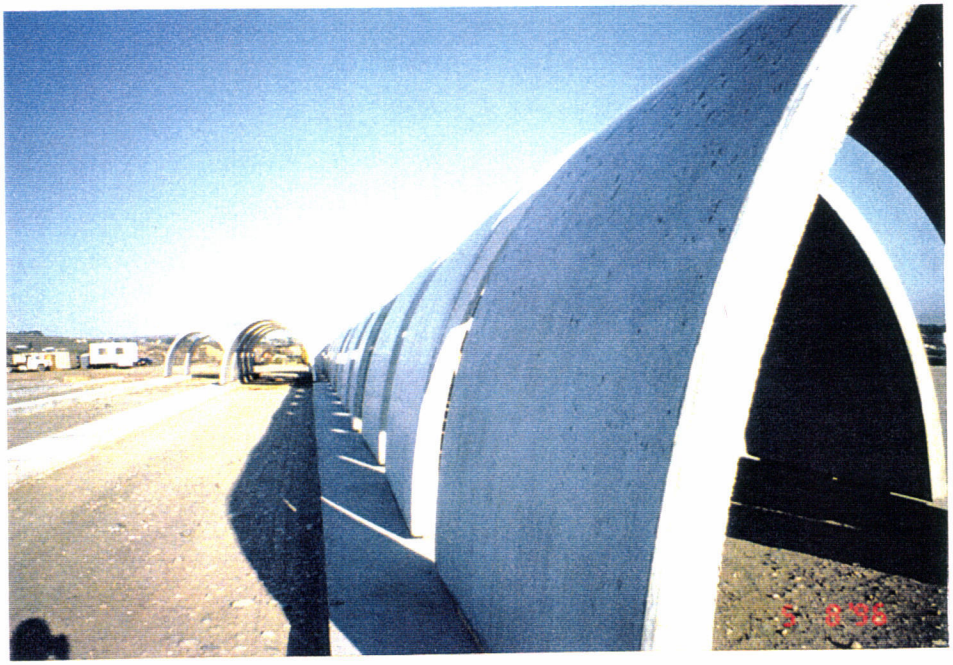
Another view of the Acme concrete conveyor equipment for paving.

G960100-35-0-P

Final view of the Acme concrete conveyor equipment for paving.

G960100-36-OPV

In the mean time: Acme precast yard progress for precasting the beam tube enclosures. Interior view of the completed type "C" enclosure modules



G960100-37-OP

Exterior view of completed type "C" beam tube enclosures.

G960100-38-OP

Stripping process for the type "A" beam tube enclosures.

G960100-39-O-P

View of the type "C" quad form and the adjustable type "C" form, ready for placing concrete.

G960100-40-O-P

Distant view of the completed beam tube enclosures.

G960100-41-O-P

Another exterior view of the completed beam tube enclosures.

G960100-42-OPV

Load of rebar delivery to the precast yard.

G960100-43-OP

Quality assurance discussion between the precast contractor superintendent and Caltech.

G960100-44-OP

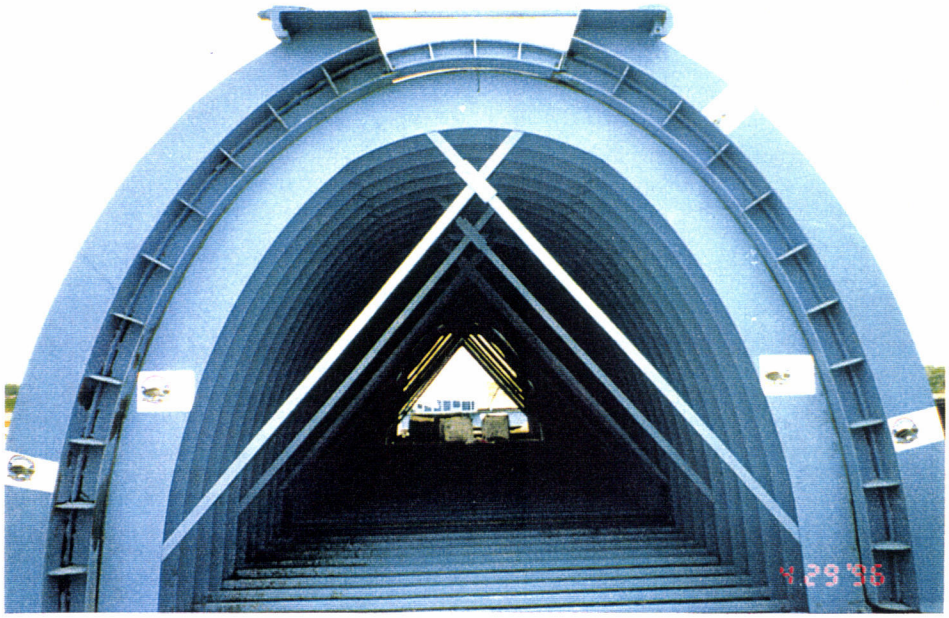
Setting of the type "A" form in preparation for casting. Work is being closely observed by Caltech.

G960100-45-OP

Rebar prefabrication station for all type beam tube enclosures.

G960100-46-OP

Concrete is placed by bucket for all precast operation.



G960100-47-OP

Interior view of the quad form.

G960100-48-O-P
Arrival of the pre-bid meeting congregation at site.

G960100-49-O-P
Meeting at the corner station. Pace is set by Caltech.

G960100-50-O-P
Delegating the pre-bid congregation is performed by Caltech.