

Americast Hanover Project

More than just a mixing and batching solution...

A leader in precast concrete storm drainage and sanitary structures, Americast, needed more than just a high capacity mixing and batching plant for greater output of concrete pipe, they needed a comprehensive productivity solution from ACT.



Project Highlights

- *HPGM 2250 Mixer #1 produces a maximum dry cast concrete output of approximately 92 tons per hour*
- *HPGM 3750 Mixer #2 produces a maximum wet cast concrete output of approximately 151 tons per hour*
- *Low profile aggregate bunker storage system has an aggregate storage capacity of 800 tons*
- *Twin mixer plant provides a maximum plant output capability of approximately 243 tons of reinforced concrete pipe and box culverts per hour*



WE ADD PROFITABILITY TO THE MIX.

Americast Hanover Specs

Twin MobilMat Mo 80-Mo110-4-PCS with twin mixers feeding two separate dry cast production lines

Automatic aggregate storage bunker and batching system

4 Compartment aggregate bunker with maximum capacity approx 800 tons of aggregates. Aggregate bins are recharged directly by dump trucks

2 Cement silos, with total approx 210 tons combined storage capacity

Each mixer has a fully automatic mixer cleaning system reducing clean up time and labor

Fully automatic PCS Computer Control system for truly unattended operation

4 admixture metering control each mixer

Hydrotester aggregate bin probes automatically adjust for aggregate batch yield

Hydromat mixer probes automatically adjust batch water to maintain perfect consistent W/C ratio each batch and concrete quality

Rising to the occasion, the design team at ACT started low!

The team at ACT designed a low profile aggregate bunker storage system constructed with precast box culvert segments produced by Americast. Utilizing a below grade aggregate weigh belt system, the storage solution gave Americast capacity for 800 tons, all with minimal aggregate material handling and equipment necessary. The turnkey mixing batching plant itself features twin HPGM planetary mixers working seamlessly in tandem with a Hawkeye Pipe Plus and VUP, thanks to ACT's advanced PCS Control System. As is standard operating procedure for the solutions providers at ACT, the entire plant was delivered pre-wired and ready to go. Installation and startup were complete in a matter of weeks.

“From the design stage to startup, the process with ACT went smoothly. Two new installations since the Hanover install are benefitting from ACT's technology.” – Don Anger, Operations Manager

