Hidden Peak
Snowbird Resort
Layton Construction &
Altaview Concrete
VISION OF PROJECT

- 11,000 feet...what a view!
START OF CONSTRUCTION

- Hauling equipment to site
- Snowbird mountain ops
TRANSPORTATION OF EMPLOYEES TO SITE
• Timing was excellent
• Drivers & trucks hand-selected from fleet
• Scheduling of selected drivers
DRIVING SAFELY

- Mountain driving
- T.R.A.C.K. (KUCC)
- Safety

USE T.R.A.C.K ON EVERY JOB

THINK through the task
RECOGNIZE the hazards
ASSESS the risks
CONTROL the hazards
KEEP safety in mind in all tasks
TRAINING CONTINUED

- Dry runs
- Roads cut as needed
- Delivery navigation
BEDROCK FOOTINGS

- Difficult preparation & setup
- Ordering of concrete
- Additional yardage orders & no Eco-Pan
SPECIAL DELIVERY

- Personnel on site
- Spotters on site
- Road hazards
SWITCHBACKS

• Top 750 feet of elevation
• 38-feet long/70,000 lbs.
SETTING/POURING THE WALLS

- Spacing of trucks
- Multiple vehicles on the road
- Critical timing for cold joints
- Timing on delay set
- Priority vehicles on the haul road
- Staging areas for delivery
BATCHING/MIX DESIGNS

- In spec on site
- No concrete brought down the mountain
- Air/slump monitoring
- Admixture on site
- Travel time
- Load size
Batching & Mix Designs Continued

- Mix design
- Shrinkage spec
- Control set
- NCC
FLAT WORK CHALLENGES

- Weather
- Temperature swings 20/70/20
- Delay/NCC
- High winds
- Lightning
- Delayed starts (sunrise)
Consistency in set time through delay/load size/accelerators
Never gambled, pours set & ready
Always had additional form work setup for leftovers
Planning pours around max load size
DIFFICULTIES IN DELIVERY

• Coordination of trades
• Staging bottom/middle/top
• Sharp rocks/flat tires
• Mechanical failure, transfer load mid-mountain
DIFFICULTIES IN DELIVERY CONTINUED

- Pedestrian traffic
• 1,897 yards delivered
• 6.4 cubic yards average load size
• 289 loads
• 4 hours 43 minutes RTT average for the project completion
CELEBRATION

- Two years accident/incident free
- Zero low break issues
- Minimal mechanical failures
FINISHED PRODUCT

- Happy customer
- Happy skiers
- Beautiful building with the best views in the world